

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

Table 9-1.—Economic trends: Data relating to agriculture, United States, 1994–2003

Year	Prices paid by farmers ¹		Prices received by farmers ¹	Farm income ²		
	Total including interest, taxes, and wage rates	Production items		Gross farm income ⁶	Production expenses	Net farm income
	<i>Index numbers 1990–92=100</i>	<i>Index numbers 1990–92=100</i>	<i>Index numbers 1990–92=100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1994	106	106	100	216.1	164.8	51.3
1995	109	108	102	210.8	171.2	39.6
1996	115	115	112	235.8	177.9	57.9
1997	118	119	107	238.2	186.9	51.3
1998	115	113	102	232.4	185.9	46.5
1999	115	111	96	234.5	187.4	47.1
2000	120	116	96	241.3	193.4	47.9
2001	123	120	102	248.3	197.7	50.6
2002	124	119	98	230.7	193.4	37.3
2003	128	124	107	256.9	197.6	59.2

Year	National income ³	Personal income ³	Industrial production ⁴	Consumer prices all items ⁵	Producer prices consumer foods ⁵
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1997=100</i>	<i>Index numbers 1982–84=100</i>	<i>Index numbers 1982=100</i>
1994	6,122.3	5,842.5	85.3	148.2	126.8
1995	6,453.9	6,152.3	89.4	152.4	129.0
1996	6,840.1	6,520.6	93.2	156.9	133.6
1997	7,292.2	6,915.1	100.0	160.5	134.5
1998	7,752.8	7,423.0	105.8	163.0	134.3
1999	8,236.7	7,802.4	110.6	166.6	135.1
2000	8,795.2	8,429.7	115.4	172.2	137.2
2001	8,979.8	8,724.1	111.3	177.1	141.3
2002	9,225.4	8,878.9	110.9	179.9	140.1
2003	9,679.7	9,161.8	110.9	183.9	145.9

¹ U.S. Department of Agriculture - NASS. ² U.S. Department of Agriculture - ERS. ³ U.S. Department of Commerce, Bureau of Economic Analysis. ⁴ Federal Reserve Board. ⁵ U.S. Department of Labor, Bureau of Labor Statistics.
⁶ Includes cash receipts from farm marketings, government payments, nonmoney income (gross rental value of dwelling and value of home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories.

ERS, Farm Business Performance Branch, (202) 694–5592. E mail contact is rogers@ERS.USDA.gov. For National Income, Personal Income, Industrial Production and Consumer Price Indexes, Contact David Torgerson at (202) 694-5334. E mail contact is dtorg@ers.usda.gov.

Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1995–2004 ¹

Year	Farms ^{2 3}	Land in farms	Average size farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1995	2,196,400	962,515	438
1996	2,190,500	958,675	438
1997	2,190,510	956,010	436
1998	2,192,330	952,080	434
1999	2,187,280	948,460	434
2000	2,166,780	945,080	436
2001	2,148,630	942,070	438
2002	2,135,360	940,300	440
2003	2,126,860	938,650	441
2004 ⁴	2,113,470	936,600	443

¹The farm definition was changed in 1993 to include maple syrup, short rotation woody crops, and places with 5 or more horses. ²A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. ³Includes some accounting for individual farms on reservation land in AZ and NM from 1998 forward. ⁴Preliminary.

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Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic sales class, United States, 2003–2004

Economic sales class	Percent of total				Average size farm	
	Farms		Land		2003	2004 ¹
	2003	2004 ¹	2003	2004 ¹		
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>	<i>Acres</i>
\$1,000–\$2,499	27.0	26.7	4.3	4.1	70	68
\$2,500–\$4,999	15.2	15.2	4.0	4.0	116	117
\$5,000–\$9,999	14.0	14.0	4.9	4.8	154	152
\$10,000–\$24,999	11.4	11.5	7.5	7.4	290	285
\$25,000–\$49,999	8.6	8.6	9.8	9.7	503	500
\$50,000–\$99,999	8.3	8.3	11.5	11.4	612	609
\$100,000–\$249,999	7.9	7.9	20.9	20.7	1,168	1,155
\$250,000–\$499,999	4.1	4.2	16.0	16.2	1,722	1,701
\$500,000–\$999,999	2.1	2.1	10.5	10.5	2,207	2,205
\$1,000,000+	1.4	1.5	10.6	11.2	3,342	3,292
Total	100.0	100.0	100.0	100.0	441	443

¹ Preliminary.

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Table 9-4.—Number of farms: Economic sales class by region and United States, 2002–2004 ¹

Region and year	Economic Sales Class					Total
	\$1,000–\$9,999	\$10,000–\$99,999	\$100,000–\$249,999	\$250,000–\$499,999	\$500,000 & over	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
NE: ²						
2002	79,440	33,360	12,540	4,780	3,330	133,450
2003	79,640	33,510	12,290	4,680	3,230	133,350
2004	78,340	33,760	11,880	4,840	3,430	132,250
NC: ³						
2002	354,400	270,600	97,100	46,000	28,000	796,100
2003	353,100	266,500	96,300	46,700	28,200	790,800
2004	348,000	265,500	96,700	48,500	30,800	789,500
South: ⁴						
2002	605,020	214,750	35,100	23,710	25,620	904,200
2003	604,650	214,720	34,900	23,260	25,370	902,900
2004	594,650	214,700	35,620	23,530	26,000	894,500
West: ⁵						
2002	162,980	85,860	24,080	12,060	16,630	301,610
2003	161,880	85,810	23,730	11,910	16,480	299,810
2004	159,570	85,210	23,730	12,200	16,510	297,220
US:						
2002	1,201,840	604,570	168,820	86,550	73,580	2,135,360
2003	1,199,270	600,540	167,220	86,550	73,280	2,126,860
2004	1,180,560	599,170	167,930	89,070	76,740	2,113,470

¹ Number of farms estimated for 3 sales classes above \$100,000 beginning in 2002 and set back to 1998 with the 5-year Census revision review. ² CT, ME, MA, NH, NJ, NY, PA, RI, and VT. ³ IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI. ⁴ AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. ⁵ AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY.

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Table 9-5.—Land in farms: Economic sales class by region and United States, 2002–2004

Region and year	Economic Sales Class ¹					Total
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000 & over	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
NE: ²						
2002	5,860	5,505	3,795	2,185	2,855	20,200
2003	5,860	5,555	3,775	2,135	2,855	20,180
2004	5,830	5,405	3,675	2,165	3,055	20,130
NC: ³						
2002	34,930	95,250	88,220	67,530	63,270	349,200
2003	34,740	93,940	87,960	68,260	63,730	348,630
2004	33,200	91,200	86,750	68,500	68,750	348,400
South: ⁴						
2002	64,145	92,920	42,640	31,825	50,520	282,050
2003	62,700	93,380	42,700	32,230	50,590	281,600
2004	61,120	92,980	43,050	32,100	51,280	280,530
West: ⁵						
2002	21,690	77,480	61,650	47,630	80,400	288,850
2003	21,470	77,180	61,620	47,510	80,460	288,240
2004	20,690	76,910	60,440	48,790	80,710	287,540
US:						
2002	126,625	271,155	196,305	149,170	197,045	940,300
2003	124,770	270,055	196,055	150,135	197,635	938,650
2004	120,840	266,495	193,915	151,555	203,795	936,600

¹Number of farms estimated for 3 sales classes above \$100,000 beginning in 2002 and set back to 1998 with the 5-year Census revision review. ²CT, ME, MA, NH, NJ, NY, PA, RI, and VT. ³IL, IN, IA, KS, MI, MN, MO, NE, ND, OH, SD, WI. ⁴AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. ⁵AK, AZ, CA, CO, HI, ID, MT, NV, NM, OR, UT, WA, WY.

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Table 9-6.—Land in farms: Classification by tenure of operator, United States, 1910–2003

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Acres</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1910	878,798,325	52.9	15.2	6.1	25.8
1920	958,676,612	48.3	18.4	5.7	27.7
1925	924,319,352	45.4	21.3	4.7	28.7
1930 ¹	990,111,984	37.6	24.9	6.4	31.0
1935	1,054,515,111	37.1	25.2	5.8	31.9
1940 ¹	1,065,113,774	35.9	28.2	6.5	29.4
1945	1,141,615,364	36.1	32.5	9.3	22.0
1950 ¹	1,161,419,720	36.1	36.4	9.2	18.3
1954	1,158,191,511	34.2	40.7	8.6	16.5
1959 ¹	1,123,507,574	31.0	44.0	9.8	14.8
1964 ¹	1,110,187,000	28.7	48.0	10.2	13.1
1969 ¹	1,062,892,501	35.3	51.8	.....	13.0
1974 ¹	1,017,030,357	35.3	52.6	.....	12.0
1978 ¹	1,014,777,234	32.7	55.3	.....	12.0
1982 ¹	986,796,579	34.7	53.8	.....	11.5
1987 ¹	964,470,625	32.9	53.9	.....	13.2
1992 ¹	945,531,506	31.3	55.7	.....	13.0
1997 ²	932,475,414	26.7	62.2	.....	11.2
1998 ²	900,415,615	28.6	60.2	.....	11.2
1999 ²	870,720,495	25.6	61.6	.....	12.8
2000 ²	994,997,682	26.4	62.3	.....	11.4
2001 ²	959,163,331	24.7	61.2	.....	14.2
2002 ²	954,302,543	29.4	56.6	.....	14.0
2003 ²	926,985,610	28.9	59.7	.....	11.4

¹Includes Alaska and Hawaii. ²Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694-5575. Data for 1910–1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997–2003 is from ERS Agricultural Resource Management Survey.

Table 9-7.—Farms: Classification by tenure of operator, United States, 1910–2003

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1910	6,365,822	52.7	9.3	0.9	37.0
1920	6,453,991	52.2	8.7	1.1	38.1
1925	6,371,640	52.0	8.7	0.6	38.6
1930 ¹	6,295,103	46.3	10.4	0.9	42.4
1935	6,812,350	47.1	10.1	0.7	42.1
1940 ¹	6,102,417	50.6	10.1	0.6	38.8
1945	5,859,169	56.4	11.3	0.7	31.7
1950 ¹	5,388,437	57.4	15.3	0.4	26.9
1954	4,783,021	57.4	18.2	0.4	24.0
1959 ¹	3,710,503	57.1	21.9	0.6	20.5
1964 ¹	3,157,857	57.6	24.8	0.6	17.1
1969 ¹	2,730,250	62.5	24.6	.....	12.9
1974 ¹	2,314,013	61.5	27.2	.....	11.3
1978 ¹	2,257,775	57.5	30.2	.....	12.3
1982 ¹	2,240,976	59.2	29.3	.....	11.6
1987 ¹	2,087,759	59.3	29.2	.....	11.5
1992 ¹	1,925,300	57.7	31.0	.....	11.3
1997 ²	2,049,384	55.3	35.4	.....	9.3
1998 ²	2,054,709	56.5	33.9	.....	9.6
1999 ²	2,186,950	58.3	33.9	.....	7.8
2000 ²	2,166,060	57.7	34.1	.....	8.2
2001 ²	2,149,683	57.2	34.9	.....	8.0
2002 ²	2,152,412	65.9	26.7	.....	7.3
2003 ²	2,121,107	62.1	31.7	.....	6.1

¹ Includes Alaska and Hawaii. ² Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694–5575. Data for 1910-1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997-2003 is from ERS Agricultural Resource Management Survey.

Table 9-8.—Farmland Rented: Classification by Tenants and Part Owners, United States, 1900–2002

Year	Land in farms	Tenure of operator ¹			Percentage of land rented
		Tenants	Part-owners	Total	
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Percent</i>
1900	841.8	195.1	² 71.1	266.2	31.6
1910	878.8	225.5	³ 51.3	277.8	31.6
1920	958.7	⁴ 265.0	⁵ 54.7	319.7	33.3
1925	924.3	264.9	96.3	361.2	39.0
1930	990.1	307.3	125.2	432.5	43.6
1935	1,054.5	336.8	134.3	471.1	44.6
1940	1,165.1	313.2	155.9	469.1	44.0
1945	1,141.6	251.6	178.9	430.5	37.7
1950	1,161.4	212.2	196.2	408.4	35.2
1954	1,158.2	192.6	212.3	404.9	34.9
1959	1,123.0	166.8	234.1	400.9	35.7
1964	1,110.2	144.9	248.1	⁶ 393.0	35.4
1969	1,063.3	137.6	241.8	379.4	35.7
1974	1,017.0	122.3	258.4	380.7	37.4
1978	1,029.7	124.1	285.3	409.4	39.4
1982	986.2	113.6	269.9	383.5	38.9
1987	964.5	126.9	275.4	402.3	41.7
1992	945.5	122.7	282.2	404.9	42.8
1997	931.8	108.1	270.0	378.1	40.6
2002 ⁷	938.3	86.5	266.8	353.3	37.7

¹ Columns 3, 4, and 5 refer only to land rented from others and operated, so subleased land is not included. Numbers of land rented are comparable in the same year, but definitions change over time. Basic sources are 1969 Census of Agriculture, table 5, p.14; 1974 Census of Agriculture, table 3, pp.1-6; 1978 Census of agriculture, vol. 1, part 51, table 5, pp. 124-127; 1982 Census of Agriculture, vol. 1, part 51, table 48, p. 49; 1987 Census of Agriculture vol. 1 part 51, table 48, p.49; 1992 Census of Agriculture vol. 1, part 51, table 46, p.53; 1997 Census of Agriculture, vol. 1, part 51, chapter 1, table 46, p. 57; 2002 Census of Agriculture, vol. 1, part 51, chapter 1, table 61, p. 214; and earlier census volumes as noted. ²Sum of part owners and owner/tenant, 1900 Census of Agriculture, table 20, pp.308. ³Assumes land leased by part-owners is the difference between the average size of full-owner and part-owner farms. Acreage leased by part-owners is this difference times the number of part-owners. 1910 Census of Agriculture, chapter 11, table 1 and 3, pp.97-99. ⁴1920 Census of Agriculture, vol. VI, part 1, table 5, p.19. ⁵Assumes same proportion of owner and part-owner as in 1910. ⁶1964 Census of Agriculture, vol. II, chapter 8, p.757. ⁷The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. All 2002 published census items were reweighted for undercoverage. Strictly speaking, 2002 data are not fully comparable with data from earlier years.

ERS, Resource Economics Division, (202) 694–5572. Data from the Census of Agriculture, National Agricultural Statistics Service and Economic Research Service.

Table 9-9.—Farms: Number and land in farms, by States, 2002, 2003 and 2004

State	Farms ¹			Land in farms		
	2002	2003	2004 ²	2002	2003	2004 ²
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
AL	45,000	45,000	44,000	8,900	8,900	8,700
AK	610	610	620	900	900	900
AZ	10,300	10,300	10,200	26,600	26,500	26,400
AR	47,500	47,500	47,500	14,500	14,400	14,400
CA	79,700	78,500	77,000	27,600	27,100	26,700
CO	31,400	31,400	30,900	31,100	31,000	30,900
CT	4,200	4,200	4,200	360	360	360
DE	2,400	2,300	2,300	540	530	530
FL	44,000	44,000	43,000	10,300	10,200	10,100
GA	49,300	49,300	49,000	10,800	10,800	10,700
HI	5,500	5,500	5,500	1,300	1,300	1,300
ID	25,000	25,000	25,000	11,800	11,800	11,800
IL	73,000	73,000	73,000	27,500	27,500	27,500
IN	60,300	59,500	59,300	15,100	15,040	15,000
IA	90,600	90,000	89,700	31,800	31,700	31,700
KS	64,500	64,500	64,500	47,300	47,200	47,200
KY	87,000	87,000	85,000	13,800	13,800	13,800
LA	27,500	27,200	27,200	7,900	7,850	7,850
ME	7,200	7,200	7,200	1,370	1,370	1,370
MD	12,200	12,100	12,100	2,080	2,060	2,050
MA	6,100	6,100	6,100	520	520	520
MI	53,300	53,300	53,200	10,090	10,090	10,100
MN	80,900	80,000	79,800	27,800	27,700	27,600
MS	42,200	42,800	42,200	11,110	11,110	11,050
MO	107,000	106,000	106,000	30,200	30,100	30,100
MT	27,900	28,000	28,000	59,800	60,100	60,100
NE	49,400	48,500	48,300	45,900	45,900	45,900
NV	3,000	3,000	3,000	6,300	6,300	6,300
NH	3,400	3,400	3,400	450	450	450
NJ	9,900	9,900	9,900	820	820	820
NM	17,700	17,500	17,500	44,800	44,700	44,700
NY	37,000	37,000	36,000	7,660	7,650	7,600
NC	54,200	53,500	52,000	9,100	9,100	9,000
ND	30,500	30,300	30,300	39,400	39,400	39,400
OH	77,800	77,600	77,300	14,610	14,600	14,600
OK	83,500	83,500	83,500	33,700	33,700	33,700
OR	40,000	40,000	40,000	17,200	17,200	17,200
PA	58,200	58,200	58,200	7,700	7,700	7,700
RI	850	850	850	60	60	60
SC	24,500	24,400	24,400	4,850	4,850	4,850
SD	31,800	31,600	31,600	43,800	43,800	43,800
TN	87,500	87,000	85,000	11,700	11,600	11,600
TX	229,000	229,000	229,000	130,500	130,500	130,000
UT	15,300	15,300	15,300	11,600	11,600	11,600
VT	6,600	6,500	6,400	1,260	1,250	1,250
VA	47,600	47,500	47,500	8,670	8,600	8,600
WA	36,000	35,500	35,000	15,350	15,300	15,200
WV	20,800	20,800	20,800	3,600	3,600	3,600
WI	77,000	76,500	76,500	15,700	15,600	15,500
WY	9,200	9,200	9,200	34,500	34,440	34,440
US	2,135,360	2,126,860	2,113,470	940,300	938,650	936,600
PR .....	.....	13,600	13,400	.....	610	590

¹ A farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year. ² Preliminary.

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Table 9-10.—Land: Utilization, by States, 1997

State	Cropland			Grassland pasture ²	Forest land ³	Special use areas ⁴	Other land ⁵	Total land area ⁶
	Used for crops ¹	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	2,298	533	1,639	1,860	21,911	1,423	2,815	32,480
AK	34	26	8	1,226	87,936	143,013	132,796	365,039
AZ	951	187	116	40,509	16,306	10,092	4,571	72,731
AR	7,635	413	2,034	2,006	18,392	1,450	1,398	33,328
CA	8,675	706	1,246	22,343	32,579	20,996	13,277	99,823
CO	8,899	1,780	736	27,867	18,781	5,699	2,623	66,386
CT	131	8	27	30	1,682	299	923	3,101
DE	434	7	11	8	376	102	313	1,251
DC	0	0	0	0	0	0	39	39
FL	2,465	288	896	5,455	14,605	4,676	6,172	34,558
GA	5,00	733	1,395	1,336	23,004	1,854	3,544	37,068
HI	101	150	42	961	1,189	769	898	4,111
ID	4,197	753	816	21,165	17,123	5,266	3,641	52,961
IL	23,140	932	853	1,559	4,058	1,901	3,137	35,580
IN	12,516	516	658	1,158	4,342	1,102	2,666	22,957
IA	24,259	1,578	2,074	1,477	1,944	1,550	2,878	35,760
KS	26,955	2,964	3,789	12,560	1,492	1,620	2,987	52,367
KY	4,889	766	3,205	1,491	12,348	996	1,733	25,429
LA	4,053	563	869	1,582	13,691	1,395	5,729	27,882
ME	324	77	65	37	16,952	520	1,778	19,753
MD	1,344	62	149	208	2,424	731	1,338	6,256
MA	160	12	39	35	2,675	553	1,542	5,016
MI	7,098	705	500	1,606	18,667	2,468	5,313	36,358
MN	20,090	1,707	1,041	1,544	14,820	4,398	7,353	50,954
MS	4,602	677	1,184	1,946	18,589	848	2,179	30,025
MO	12,956	1,645	5,413	6,010	13,411	1,740	2,921	44,095
MT	14,527	2,374	1,672	46,039	19,165	6,414	2,965	93,156
NE	20,314	1,299	1,942	21,828	797	1,423	1,599	49,202
NV	546	56	265	46,278	8,199	5,726	9,204	70,275
NH	84	6	22	40	4,551	317	720	5,740
NJ	526	40	68	29	1,507	728	1,850	4,748
NM	1,313	474	639	52,188	14,084	6,360	2,615	77,673
NY	3,162	317	633	1,314	15,405	3,810	5,581	30,223
NC	4,487	476	927	814	18,638	2,264	3,574	31,180
ND	24,460	2,858	1,500	11,329	441	1,489	2,079	44,156
OH	10,576	556	895	1,376	7,567	1,153	4,087	26,209
OK	9,793	1,184	5,360	17,314	6,233	1,477	2,593	43,954
OR	3,853	566	919	22,395	26,664	3,593	3,450	61,441
PA	4,187	299	695	910	15,852	2,379	4,364	28,685
RI	22	2	6	3	356	61	220	669
SC	1,660	335	538	465	12,418	1,032	2,824	19,271
SD	17,313	1,909	2,542	22,594	1,588	1,575	1,051	48,573
TN	4,307	596	2,587	1,123	13,265	2,203	2,298	26,390
TX	22,613	5,092	12,335	98,059	11,767	5,363	12,396	167,625
UT	1,252	234	558	23,737	13,832	5,058	7,916	52,588
VT	342	10	132	212	4,462	337	425	5,920
VA	2,572	242	1,526	1,533	15,345	1,468	2,657	25,343
WA	6,854	1,018	528	7,406	17,418	6,639	2,749	42,612
WV	664	50	697	481	11,899	699	925	15,415
WI	7,803	799	959	1,844	15,701	2,182	5,472	34,761
WY	2,064	257	759	44,873	5,085	6,332	2,777	62,147
US	348,701	38,839	67,512	580,165	641,536	285,544	300,957	2,263,254

¹Cropland harvested, crop failure, and cultivated summer fallow. ²Grassland and other nonforest pasture and range. ³Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes. ⁵Miscellaneous areas such as marshes, open swamps, bare rock areas, and deserts, including urban and other special uses not inventoried. ⁶Approximate land area as established by the Bureau of the Census in conjunction with the 1990 Census of Population.

ERS, Resource Economics Division, (202) 694-5528. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

Table 9-11.—Land in farms: ¹ Irrigated land, by States, 1959–97

State	1959	1964	1969	1974	1978 ²	1982	1987	1992	1997
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
AL	17	12	11	14	59	66	84	82	77
AK		(³)	1	1	1	1	2	2	3
AZ	1,152	1,125	1,178	1,153	1,196	1,098	914	956	1,014
AR	712	974	1,010	949	1,683	2,022	2,406	2,702	3,717
CA	7,396	7,599	7,240	7,749	8,506	8,461	7,596	7,571	8,713
CO	2,685	2,690	2,895	2,874	3,431	3,201	3,014	3,170	3,430
CT	5	14	9	7	7	7	7	6	7
DE	16	18	20	20	34	44	61	62	73
FL	414	1,217	1,365	1,559	1,980	1,585	1,623	1,783	1,862
GA	34	64	79	112	463	575	640	725	749
HI	141	144	146	142	159	146	149	134	77
ID	2,577	2,802	2,761	2,859	3,475	3,450	3,219	3,260	3,494
IL	10	14	51	54	130	166	208	328	350
IN	17	17	34	33	75	132	170	241	250
IA	18	22	21	39	101	91	92	116	125
KS	762	1,004	1,522	2,010	2,686	2,675	2,463	2,680	2,707
KY	9	14	20	11	14	23	38	28	58
LA	485	581	702	702	681	694	647	898	943
ME	2	4	6	6	7	6	6	10	22
MD	11	16	22	23	28	39	51	57	69
MA	20	24	19	19	17	17	20	20	25
MI	40	49	77	97	226	286	315	366	393
MN	15	18	36	78	272	315	354	370	380
MS	100	123	150	162	309	431	637	883	1,076
MO	30	59	156	150	320	403	535	709	882
MT	1,875	1,893	1,841	1,759	2,070	2,023	1,997	1,978	1,994
NE	2,078	2,169	2,857	3,967	5,683	6,039	5,682	6,312	6,939
NV	543	825	753	778	881	830	779	556	765
NH	1	3	2	2	2	2	3	2	3
NJ	74	96	72	89	77	83	91	80	93
NM	732	813	823	867	891	807	718	738	805
NY	58	79	55	55	56	52	51	47	69
NC	66	97	59	51	90	81	138	113	156
ND	48	51	63	71	141	163	168	187	180
OH	12	17	22	22	25	28	32	29	34
OK	198	302	524	515	602	492	478	512	506
OR	1,384	1,608	1,519	1,561	1,881	1,808	1,648	1,622	1,949
PA	17	23	19	18	15	18	30	23	36
RI	(³)	1	2	2	3	2	4	3	3
SC	25	19	15	10	32	81	81	76	86
SD	116	130	148	152	335	376	362	371	344
TN	11	11	12	10	13	18	38	37	46
TX	5,656	6,385	6,888	6,594	6,947	5,576	4,271	4,912	5,425
UT	1,062	1,092	1,025	970	1,169	1,082	1,161	1,143	1,212
VT	2	2	(³)	1	1	1	2	2	3
VA	31	51	37	28	42	43	79	62	85
WA	1,007	1,150	1,224	1,309	1,639	1,638	1,519	1,641	1,705
WV	1	2	3	2	1	1	3	3	3
WI	32	62	106	128	235	259	285	331	342
WY	1,470	1,571	1,523	1,460	1,662	1,565	1,518	1,465	1,719
US	33,164	37,057	39,122	41,243	50,350	49,002	46,386	49,404	55,058
PR	76	89	91	70	54	42	36	46	35
VI	(³)	(³)	(³)	(³)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Total	33,240	37,145	39,213	41,313	50,350	49,002	46,386	49,404	55,058

¹Data may not add because of rounding. ²Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. ³Less than 500 acres. ⁴Not available. Note: Data from the Census of Agriculture, U.S. Department of Commerce. Beginning in 1997 Census of Agriculture, U.S. Department of Agriculture.

ERS, Resource Economics Division, (202) 694-5528.

Table 9-12.—Farm real estate: Value of farmland and buildings, by State, 2000–2004 ¹

State	Total value of land and buildings				
	Jan. 1, 2000	Jan. 1, 2001	Jan. 1, 2002	Jan. 1, 2003	Jan. 1, 2004
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
AL	14,444	14,760	15,130	15,664	16,182
AZ ²	9,802	10,054	10,386	10,433	10,600
AR	18,899	19,710	20,586	21,312	22,752
CA	84,300	89,600	94,520	97,560	101,460
CO	20,735	21,330	21,980	22,630	23,948
CT	2,609	2,772	3,060	3,420	3,672
DE	1,796	1,904	2,035	2,120	2,279
FL	26,250	27,040	28,016	29,580	31,310
GA	19,250	20,710	22,243	23,760	25,145
ID	13,685	14,280	14,632	15,104	16,048
IL	62,376	62,975	64,625	66,825	71,775
IN	34,804	35,720	37,146	38,653	41,550
IA	59,040	60,125	61,440	63,717	69,740
KS	29,688	30,638	31,455	32,332	33,748
KY	22,440	23,975	25,254	26,220	27,600
LA	10,650	11,081	11,390	11,775	12,403
ME	1,848	2,025	2,160	2,398	2,535
MD	7,776	8,094	8,400	8,549	9,225
MA	3,510	3,942	4,212	4,836	5,148
MI	21,297	23,142	24,996	27,041	29,492
MN	37,224	39,060	41,700	44,320	49,680
MS	13,464	14,173	14,803	15,554	16,354
MO	37,146	39,260	41,676	44,247	47,558
MT	19,536	20,755	22,052	23,439	24,641
NE	32,873	33,884	34,960	35,573	37,868
NV ²	2,399	2,486	2,526	2,612	2,723
NH	1,056	1,122	1,232	1,395	1,463
NJ	6,308	6,723	7,138	7,462	7,995
NM ²	11,014	11,210	11,428	11,643	11,698
NY	11,025	11,658	12,333	13,005	13,528
NC	22,785	24,683	26,448	28,210	29,700
ND	15,957	16,154	16,351	16,745	17,927
OH	34,601	36,482	38,168	40,004	42,778
OK	21,696	22,139	22,984	23,759	25,107
OR	18,165	19,030	19,780	20,640	21,500
PA	21,476	23,070	25,058	26,565	28,105
RI	438	462	498	558	612
SC	8,398	8,838	9,272	9,943	10,428
SD	16,720	17,820	18,877	20,148	21,900
TN	24,990	25,960	27,140	27,840	29,000
TX	89,148	95,557	101,293	105,705	111,150
UT ²	7,318	7,861	8,332	8,766	9,127
VT	2,210	2,286	2,413	2,563	2,688
VA	19,468	20,730	21,960	23,220	24,510
WA	19,563	20,215	21,406	22,644	23,256
WV	4,356	4,572	4,788	5,040	5,400
WI	27,540	31,200	33,970	35,880	38,750
WY	8,823	9,315	9,833	10,332	10,849
48 States	1,000,894	1,050,582	1,102,083	1,151,738	1,222,903

¹Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. ²Value of all land and buildings adjusted to include American Indian reservation land value.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-13.—Land utilization, United States, selected years, 1940–97

Major land uses	1940	1950	1959	1969	1978	1987	1992	1997
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
Cropland used for crops ¹	368	377	359	333	369	331	337	349
Idle cropland	31	32	33	51	26	68	56	39
Cropland used only for pasture	68	69	66	88	76	65	67	67
Grassland pasture ²	650	631	633	604	587	591	591	580
Forest land ³	608	601	728	723	703	648	648	642
Special uses ⁴ .....	.....	.....	147	174	203	335	340	351
Other land	179	194	305	291	301	227	224	235
Total land area ⁵	1,904	1,904	2,271	2,264	2,265	2,265	2,263	2,263

¹ Cropland harvested, crop failure, and cultivated summer fallow. ² Grassland and other nonforest pasture and range. ³ Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. ⁴ Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. ⁵ Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

ERS, Resource Economics Division, (202) 694–5528. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

Table 9-14.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 2000–2004

State	Mar. 1, 1970	Jan. 1, 2000	Jan. 1, 2001	Jan. 1, 2002	Jan. 1, 2003	Jan. 1, 2004
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	200	1,570	1,640	1,700	1,760	1,860
AZ ¹	70	1,150	1,250	1,400	1,500	1,600
AR	260	1,290	1,350	1,410	1,480	1,580
CA	479	3,000	3,200	3,400	3,600	3,800
CO	95	650	675	700	730	775
CT	921	7,050	7,700	8,500	9,500	10,200
DE	499	3,150	3,400	3,700	4,000	4,300
FL	355	2,500	2,600	2,720	2,900	3,100
GA	234	1,750	1,900	2,050	2,200	2,350
ID	177	1,150	1,200	1,240	1,280	1,360
IL	490	2,260	2,290	2,350	2,430	2,610
IN	406	2,260	2,350	2,460	2,570	2,770
IA	392	1,800	1,850	1,920	2,010	2,200
KS	159	625	645	665	685	715
KY	253	1,650	1,750	1,830	1,900	2,000
LA	321	1,310	1,380	1,440	1,500	1,580
ME	161	1,400	1,500	1,600	1,750	1,850
MD	640	3,600	3,800	4,000	4,150	4,500
MA	565	6,500	7,300	8,100	9,300	9,900
MI	326	2,090	2,280	2,470	2,680	2,920
MN	226	1,320	1,400	1,500	1,600	1,800
MS	234	1,200	1,270	1,330	1,400	1,480
MO	224	1,230	1,300	1,380	1,470	1,580
MT	60	330	350	370	390	410
NE	154	710	735	760	775	825
NV ¹	53	435	450	465	480	500
NH	239	2,400	2,550	2,800	3,100	3,250
NJ	1,092	7,600	8,100	8,600	9,100	9,750
NM ¹	42	230	240	250	260	265
NY	273	1,430	1,520	1,610	1,700	1,780
NC	333	2,450	2,680	2,900	3,100	3,300
ND	94	405	410	415	425	455
OH	399	2,330	2,470	2,600	2,740	2,930
OK	173	640	655	680	705	745
OR	150	1,050	1,100	1,150	1,200	1,250
PA	373	2,800	3,000	3,250	3,450	3,650
RI	734	7,300	7,700	8,300	9,300	10,200
SC	261	1,700	1,800	1,900	2,050	2,150
SD	84	380	405	430	460	500
TN	268	2,100	2,200	2,300	2,400	2,500
TX	148	680	730	775	810	855
UT ¹	92	900	975	1,040	1,100	1,150
VT	224	1,700	1,800	1,900	2,050	2,150
VA	286	2,230	2,380	2,530	2,700	2,850
WA	224	1,250	1,300	1,390	1,480	1,530
WV	136	1,210	1,270	1,330	1,400	1,500
WI	232	1,700	1,950	2,150	2,300	2,500
WY	41	255	270	285	300	315
48 States ²	196	1,090	1,150	1,210	1,270	1,360

¹ Excludes American Indian Reservation Land. ² Excludes Alaska and Hawaii.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-15.—Land values, cropland and pasture: By State, 2003–2004

State	2003				2004			
	Cropland ¹	Irrigated cropland	Non-irrigated cropland	Pasture ²	Cropland ¹	Irrigated cropland	Non-irrigated cropland	Pasture ²
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
AL	1,700	.....	.....	1,350	1,800	.....	.....	1,420
AZ	6,000	6,000	.....	470	6,400	6,400	.....	500
AR	1,220	1,350	1,100	1,210	1,290	1,450	1,150	1,300
CA	5,920	6,300	2,000	1,500	6,200	6,600	2,130	1,600
CO	1,050	2,000	540	430	1,110	2,100	580	460
CT .....	.....	.....	.....	.....	.....	.....	.....	.....
DE	3,850	.....	.....	.....	4,100	.....	.....	.....
FL	3,690	4,180	2,670	2,100	3,900	4,400	2,850	2,250
GA	2,150	1,900	2,200	2,750	2,270	2,100	2,300	2,950
ID	1,680	2,200	780	700	1,770	2,330	800	725
IL	2,500	.....	.....	1,060	2,700	.....	.....	1,110
IN	2,550	.....	.....	1,660	2,750	.....	.....	1,780
IA	2,120	.....	.....	800	2,320	.....	.....	880
KS	684	1,080	645	410	705	1,110	665	430
KY	2,100	.....	.....	1,460	2,230	.....	.....	1,530
LA	1,240	1,070	1,280	1,310	1,300	1,150	1,340	1,350
ME .....	.....	.....	.....	.....	.....	.....	.....	.....
MD	4,000	.....	.....	3,650	4,300	.....	.....	3,900
MA .....	.....	.....	.....	.....	.....	.....	.....	.....
MI	2,350	.....	.....	1,600	2,550	.....	.....	1,800
MN	1,520	.....	.....	625	1,690	.....	.....	700
MS	1,160	1,230	1,140	1,200	1,210	1,280	1,190	1,270
MO	1,580	2,150	1,540	1,050	1,690	2,250	1,650	1,130
MT	520	1,580	370	270	540	1,670	380	285
NE	1,210	1,650	980	255	1,290	1,750	1,050	275
NV	1,900	1,900	.....	255	1,950	1,950	.....	260
NH .....	.....	.....	.....	.....	.....	.....	.....	.....
NJ	9,300	.....	.....	10,000	9,900	.....	.....	10,600
NM	1,470	2,650	270	160	1,500	2,700	275	165
NY	1,390	.....	.....	720	1,470	.....	.....	775
NC	2,950	.....	.....	3,010	3,150	.....	.....	3,200
ND	460	.....	.....	170	490	.....	.....	185
OH	2,750	.....	.....	1,950	2,940	.....	.....	2,100
OK	668	820	660	450	698	850	690	475
OR	1,670	2,250	1,200	450	1,740	2,350	1,250	470
PA	3,500	.....	.....	1,850	3,750	.....	.....	2,000
RI .....	.....	.....	.....	.....	.....	.....	.....	.....
SC	1,750	.....	.....	1,900	1,850	.....	.....	2,000
SD	681	1,000	675	220	746	1,080	740	240
TN	2,350	.....	.....	2,350	2,420	.....	.....	2,450
TX	937	1,000	920	620	983	1,050	965	655
UT	2,960	3,500	775	500	3,130	3,700	820	520
VT .....	.....	.....	.....	.....	.....	.....	.....	.....
VA	2,800	.....	.....	2,250	3,050	.....	.....	2,350
WA	1,470	3,200	950	520	1,520	3,300	990	540
WV	2,050	.....	.....	1,200	2,200	.....	.....	1,280
WI	2,200	.....	.....	1,100	2,350	.....	.....	1,200
WY	957	1,150	310	220	1,010	1,200	335	230
Other States ..	5,920	.....	.....	3,880	6,250	.....	.....	4,070
US	1,660	.....	.....	605	1,780	.....	.....	644

¹ Other cropland States include CT, ME, MA, NH, RI, and VT. ² Other pasture States include CT, DE, ME, MA, NH, RI, and VT.

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Table 9-16.—Cash rents, cropland and pasture: By State, 2003–2004

State	2003				2004			
	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
AL	35.00			18.00	35.00			18.50
AZ		135.00				150.00		
AR	71.00	78.00	55.00		75.00	86.00	59.00	
CA		300.00		10.60		300.00		11.50
CO	60.00	93.00	23.00	3.50	58.00	91.00	22.00	3.70
CT								
DE	57.00				60.00			
FL			32.00	17.00			34.00	17.50
GA	56.00	105.00	40.00	23.00	58.00	110.00	42.00	24.00
ID	97.00	116.00	51.00		99.00	118.00	53.00	
IL	123.00			32.50	126.00			34.00
IN	103.00				107.00			
IA	122.00			31.00	126.00			32.50
KS	39.00	68.00	36.00	12.60	41.00	72.00	37.50	13.20
KY	70.00				72.00			
LA	62.00	68.00	59.00	15.00	66.00	76.00	62.00	15.50
ME								
MD	55.50				59.00			
MA								
MI	60.00				62.00			
MN	82.00			19.00	83.50			19.50
MS	63.00	78.00	56.00	16.00	66.00	85.00	58.00	16.50
MO			70.00	23.50			76.00	26.00
MT	24.00	48.00	18.50	4.50	24.50	49.00	18.90	5.00
NE	92.00	123.00	67.00	11.50	95.00	125.00	70.00	12.00
NV								
NH								
NJ	47.00				47.50			
NM				1.60				1.70
NY	37.00				40.00			
NC	51.00			22.00	53.00			23.00
ND	36.50			9.80	37.50			10.20
OH	78.00				80.00			
OK			27.50	8.50			30.00	9.00
OR	98.00	120.00	65.00		100.00	125.00	65.00	
PA	41.00			25.00	43.00			25.00
RI								
SC	28.50				28.50			
SD			45.00	11.00			47.50	11.60
TN	62.00			17.50	67.00			19.00
TX	27.30	55.00	21.00	7.80	29.80	56.00	23.70	7.80
UT		61.00		9.00		61.00		10.00
VT								
VA	36.50			16.50	39.00			17.50
WA		175.00				185.00		
WV	28.00				30.00			
WI	68.00			36.00	70.00			37.00
WY				3.50				4.00
48 Sts	73.00			9.00	76.50			9.60

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 9-17.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1994–2003 ¹

Item	1994	1995	1996	1997	1998
ASSETS	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Physical assets:					
Real estate	704.1	740.5	769.5	808.2	840.4
Non-real estate:					
Livestock ²	67.9	57.8	60.3	67.1	63.4
Machinery and motor vehicles	86.8	87.6	88.0	88.7	89.8
Crops stored on and off farms ³	23.3	27.4	31.7	32.7	29.7
Purchased inputs	5.0	3.4	4.4	4.9	5.0
Financial assets: ⁴	47.6	49.1	49.0	49.7	54.8
Total ⁵	934.7	965.7	1,002.9	1,051.3	1,083.1
CLAIMS					
Liabilities:					
Real estate debt	69.9	71.7	74.4	78.5	83.1
Non-real estate debt to—					
Reporting institutions ⁶	54.3	55.6	57.2	60.4	62.8
Nonreporting creditors ⁷	14.7	15.7	16.9	18.0	18.7
Total liabilities ⁵	138.9	143.0	148.6	156.9	164.6
Proprietors' equity	795.8	822.8	854.3	894.4	918.5
Total ⁵	934.7	965.8	1,002.9	1,051.3	1,083.1

Item	1999	2000	2001	2002	2003 ⁸
ASSETS	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Physical assets:					
Real estate	887.0	946.4	996.2	1,045.7	1,378.8
Non-real estate:					
Livestock ²	73.2	76.8	78.5	75.6	78.5
Machinery and motor vehicles	89.8	90.1	92.8	93.6	95.9
Crops stored on and off farms ³	28.3	27.9	25.2	23.1	24.4
Purchased inputs	4.0	4.9	4.2	5.6	5.6
Financial assets: ⁴	56.5	57.1	58.9	60.4	62.4
Total ⁵	1,138.1	1,203.2	1,255.9	1,304.0	1,378.8
CLAIMS					
Liabilities:					
Real estate debt	87.2	91.1	96.1	103.4	108.0
Non-real estate debt to—					
Reporting institutions ⁶	61.1	65.7	68.4	68.1	67.4
Nonreporting creditors ⁷	19.4	20.8	21.3	21.9	22.6
Total liabilities ⁵	167.7	177.6	185.7	193.3	198.0
Proprietors' equity	971.1	1,025.6	1,070.2	1,110.7	1,180.8
Total ⁵	1,138.1	1,203.2	1,255.9	1,304.0	1,378.8

¹Farms are defined as places with sales greater than \$1,000 annually. ²Horses and mules are excluded. ³Excludes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans. ⁴Includes farm share of currency and demand deposits. ⁵Total of rounded data. ⁶Loans of all operating banks, the Farm Credit System, and direct loans of the Farm Service Agency. ⁷Loans and credits extended by dealers, merchants, finance companies, individuals, and others. ⁸Preliminary.

ERS, Farm Sector Performance Branch, (202) 694-5586.

Table 9-18.—Farm labor: Number of workers on farms and average wage rates, United States, 1996–2005 ¹

Year	Total workers	Self-employed and unpaid workers ²	Ag service workers ³	Hired workers ^{3 4}	Hired workers ^{3 4}
	Number	Number	Number	Number	Wage rates
1996.					
Jan	2,462	1,749	115	598	6.89
Apr	2,906	1,919	207	780	6.76
July	(⁶)	(⁶)	331	1,015	6.55
Oct	(⁶)	(⁶)	291	935	6.97
Annual average		2,010	(⁵)	832	6.78
1997.					
Jan	(⁶)	(⁶)	131	624	7.20
Apr	(⁶)	(⁶)	207	808	7.03
July	(⁶)	(⁶)	340	1,069	6.88
Oct	(⁶)	(⁶)	283	1,004	7.31
Annual average		1,989.9	(⁵)	876.5	7.35
1998.					
Jan	(⁶)	(⁶)	141	661	7.61
Apr	(⁶)	(⁶)	202	803	7.49
July	(⁶)	(⁶)	379	1071	7.25
Oct	(⁶)	(⁶)	263	983	7.60
Annual average		1,946.6	(⁵)	879.5	7.47
1999.					
Jan	(⁶)	(⁶)	157	705	7.94
Apr	(⁶)	(⁶)	160	867	7.83
July	(⁶)	(⁶)	319	1,155	7.58
Oct	(⁶)	(⁶)	290	989	7.83
Annual average		2,048.4	(⁵)	929	7.77
2000.					
Jan		(⁶)	172	685	8.10
Apr		(⁶)	217	840	8.09
July		(⁶)	203	1,084	7.93
Oct		(⁶)	288	952	8.29
Annual average		2,062.3	(⁵)	890.3	8.10
2001.					
Jan		(⁶)	165	691	8.66
Apr		(⁶)	215	804	8.31
July		(⁶)	335	1,039	8.29
Oct		(⁶)	262	991	8.59
Annual average		2,049.8	(⁵)	873.3	8.45
2002.					
Jan		(⁶)	183	707	8.97
Apr		(⁶)	189	890	8.83
July		(⁶)	256	1,006	8.57
Oct		(⁶)	271	940	8.95
Annual average		(⁶)	(⁵)	884.5	8.80
2003.					
Jan		(⁶)	160	729	9.34
Apr		(⁶)	157	781	9.16
July		(⁶)	320	943	8.88
Oct		(⁶)	306	891	9.05
Annual average		(⁶)	(⁵)	836	9.08
2004.					
Jan		(⁶)	185	662	9.41
Apr		(⁶)	257	827	9.23
July		(⁶)	343	961	9.04
Oct		(⁶)	324	851	9.32
Annual average		(⁶)	(⁵)	825.2	9.22
2005.					
Jan		(⁶)	175	574	9.81

¹ Beginning in July 1984, three surveys a year were conducted in the 48 contiguous States and Hawaii. In 1989, January was added to the survey program. Data are obtained from establishments for the week that includes the 12th. ² Includes farm operators and partners doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages. ³ Includes all persons doing farm work for pay during the survey week. ⁴ Excludes agricultural service workers. ⁵ Annual average not computed. ⁶ Discontinued.

NASS, Economic, Environmental and Demographics Branch, (202) 720-6146.

Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions, 2004^{1 2}

State and region ³	Workers on farms	Farm wage rates			
	Hired	Type of worker			
		Field	Livestock	Field and livestock	All hired workers ⁴
<i>Jan. 11–17, 2004</i>	<i>Thousands</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>	<i>Dollars per hour</i>
Northeast I	20	9.72	8.56	9.10	10.10
Northeast II	19	8.79	7.73	8.38	9.26
Appalachian I	24	8.36	8.76	8.53	9.16
Appalachian II	32	8.76	8.59	8.66	9.16
Southeast	27	7.67	7.61	7.65	8.10
FL	61	7.70	8.60	7.77	8.85
Lake	50	10.11	9.41	9.60	10.68
Cornbelt I	23	9.98	10.01	10.00	10.70
Cornbelt II	19	9.12	9.79	9.50	10.15
Delta	21	8.57	8.71	8.63	9.03
N. Plains	23	9.89	8.78	9.11	9.75
S. Plains	60	7.46	7.97	7.73	8.43
Mountain I	12	8.29	8.72	8.64	8.92
Mountain II	17	8.75	8.81	8.80	9.80
Mountain III	16	7.44	7.98	7.69	8.37
Pacific	41	8.58	9.31	8.78	9.82
CA	*190	*8.41	*9.25	8.54	*9.47
HI	7	9.26	.....	9.39	11.11
US (49 States)	*662	8.39	*8.83	8.55	9.41
<i>Apr. 11–17, 2004</i>					
Northeast I	37	9.47	8.81	9.18	10.35
Northeast II	31	8.68	8.87	8.73	9.25
Appalachian I	27	8.01	8.38	8.14	8.82
Appalachian II	35	8.48	8.62	8.55	9.06
Southeast	37	7.88	8.71	8.12	8.42
FL	57	7.85	8.60	7.94	8.79
Lake	57	9.20	9.95	9.60	10.10
Cornbelt I	44	9.04	8.87	9.00	9.74
Cornbelt II	28	9.04	9.03	9.04	9.48
Delta	25	7.75	7.47	7.70	7.86
N. Plains	31	8.87	8.51	8.73	8.95
S. Plains	46	7.50	7.93	7.62	8.13
Mountain I	24	8.14	8.41	8.31	8.57
Mountain II	26	9.66	8.83	9.29	9.84
Mountain III	17	7.55	8.20	7.81	8.37
Pacific	64	9.02	10.16	9.16	9.91
CA	*234	*8.42	*9.83	*8.56	*9.30
HI	7	9.51	.....	9.66	11.26
US (49 States)	*827	*8.47	8.95	*8.59	*9.23
See footnotes at end of table.					

See footnotes at end of table.

Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions^{1 2}, 2004—Continued

State and region ³	Workers on farms		Farm wage rates		
	Hired	Type of worker			
			Field	Livestock	Field and livestock
	Thousands		Dollars per hour	Dollars per hour	Dollars per hour
<i>July 11–17, 2004</i>					
Northeast I	43		9.31	8.14	8.89
Northeast II	52		7.90	8.79	8.09
Appalachian I	51		8.07	8.25	8.10
Appalachian II	33		7.63	8.40	7.84
Southeast	44		8.19	8.68	8.34
FL	39		8.70	9.10	8.78
Lake	69		8.29	9.13	8.55
Cornbelt I	50		8.80	8.96	8.85
Cornbelt II	24		8.08	8.61	8.35
Delta	31		7.26	7.58	7.35
No. Plains	39		8.24	9.22	8.52
So. Plains	68		7.59	8.18	7.81
Mountain I	34		7.91	7.89	7.90
Mountain II	23		8.63	9.39	8.90
Mountain III	24		7.45	8.24	7.73
Pacific	112		8.88	8.90	8.88
CA	*218		*8.41	*9.91	*8.60
HI	7		9.77	.....	9.90
US (49 States)	*961		*8.34	*8.74	*8.43
<i>October 10–16, 2004</i>					
Northeast I	45		9.37	8.64	9.10
Northeast II	35		8.84	8.90	8.85
Appalachian I	41		8.38	8.30	8.35
Appalachian II	38		7.75	7.56	7.70
Southeast	31		8.01	8.08	8.03
FL	52		7.95	9.10	8.05
Lake	72		9.06	9.51	9.20
Cornbelt I	47		9.40	9.40	9.40
Cornbelt II	22		9.00	9.38	9.16
Delta	33		7.78	8.23	7.91
No. Plains	44		9.70	9.00	9.50
So. Plains	44		8.44	8.68	8.53
Mountain I	29		8.25	8.62	8.40
Mountain II	19		8.32	8.95	8.56
Mountain III	23		7.03	8.04	7.36
Pacific	68		9.32	9.23	9.31
CA	200		*8.43	9.57	*8.63
HI	8		9.97	.....	10.01
US (49 States)	851		*8.62	8.91	*8.69

¹ Excludes agricultural service workers. ² Includes all persons doing work for pay during the survey week. ³ Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA. ⁴ Includes field, livestock, supervisors, and other workers doing work for pay during the survey week. * Revised.

NASS, Economic, Environmental and Demographics Branch, (202) 720-6146.

Table 9-20.—Farm production and output: Index numbers of total output, and production of livestock, crops, and secondary output, by groups, United States, 1992–2002
[1996=100]

Year	Livestock and products				
	Farm output	All livestock and products ¹	Meat animals ²	Dairy products ³	Poultry and eggs ⁴
1992	0.957	0.942	1.005	0.978	0.833
1993	0.910	0.948	1.000	0.977	0.869
1994	1.013	0.986	1.030	0.997	0.912
1995	0.961	1.006	1.040	1.008	0.947
1996	1.000	1.000	1.000	1.000	1.000
1997	1.037	1.010	1.009	1.014	1.022
1998	1.049	1.038	1.038	1.022	1.041
1999	1.075	1.069	1.054	1.057	1.087
2000	1.084	1.081	1.061	1.090	1.106
2001	1.070	1.091	1.051	1.076	1.122
2002	1.062	1.099	1.050	1.104	1.166

Year	Crops				
	All crops	Cereal crops	Forage crops	Industrial crops ⁵	Vegetables and horticulture crops
1992	0.971	1.047	0.992	0.939	0.894
1993	0.876	0.791	0.979	0.849	0.933
1994	1.035	1.056	1.009	1.061	1.003
1995	0.918	0.833	1.015	0.934	0.963
1996	1.000	1.000	1.000	1.000	1.000
1997	1.045	1.004	1.041	1.091	0.999
1998	1.031	1.043	1.032	1.041	0.988
1999	1.045	1.002	1.077	1.049	1.047
2000	1.063	1.022	1.038	1.045	1.064
2001	1.025	0.965	1.070	0.962	1.069
2002	1.009	0.884	1.039	1.015	1.043

Year	Crops	
	Fruits and nuts	Secondary output ⁶
1992		0.954
1993		1.023
1994		1.062
1995		0.993
1996		1.000
1997		1.182
1998		1.054
1999		1.131
2000		1.201
2001		1.159
2002		1.193

¹ Includes wool, mohair, horses, mules, honey, beeswax, bees, goats, rabbits, aquaculture, and fur animals. These items are not included in the separate groups of livestock and products shown. ² Cattle and calves, sheep and lambs, and hogs. ³ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. ⁴ Chicken eggs, commercial broilers, chickens, and turkeys. ⁵ Includes soybeans, peanuts harvested for nuts, sunflower seed, flaxseed, cottonseed, cotton lint, tobacco, sugar crops, forest products, legumes and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber. ⁶ These activities are defined as activities closely linked to agriculture for which information on production and input use cannot be separately observed.

ERS, Resources, Technology and Production Branch (202) 694–5601.

Table 9-21.—Hired farmworkers: Number of Workers and Median Weekly Earnings, 2001–2003¹

Characteristics	Workers			Median Weekly Earnings ²		
	2001	2002	2003 ³	2001	2002	2003 ³
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
All workers	878	745	793	280	300	300
15–19 years old	123	109	104	140	132	156
20–24 years old	104	87	130	280	280	280
25–34 years old	204	171	161	313	313	320
35–44 years old	208	189	182	300	342	338
45–54 years old	127	108	122	350	345	350
55 years old and older	111	81	94	270	360	315
Male	720	601	624	300	320	320
Female	158	144	169	246	248	270
White ³	414	366	413	320	320	315
Black and other races ³	56	38	47	270	314	310
Hispanic	408	341	333	280	300	300
Schooling completed						
Less than 5th grade	117	79	88	260	300	315
5th–8th grade	185	158	158	276	280	290
9th–12th grade (no diploma) ..	186	174	168	238	250	280
High school diploma	226	203	219	338	346	338
Beyond high school	164	131	160	385	400	346
Full-time (35 or more hours per week)	709	601	654	319	345	334
Part-time (less than 35 hours per week)	169	144	139	120	130	120

¹Represents average number of persons 15 years old and over in the civilian noninstitutional population who were employed per week as hired farmworkers. Based on the Current Population Survey microdata earnings file. ²"Median weekly earnings" is the value that divides the earnings into two equal parts, one part having earnings above the median and the other part having earnings below the median. "Earnings" refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions. ³Excludes persons of Hispanic origin.

ERS, Rural Economy Branch, (202) 694-5438.

Table 9-22.—Crops: Area, United States, 1995–2004

Year	Principal crops				Commercial vegetables, harvested area ⁵	Fruits and nuts, bearing area ⁶
	Area harvested			Area planted total ³		
	Feed grains ¹	Food grains ²	Total ³			
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1995	82,694	64,433	301,349	318,289	3,432.3	3,824.5
1996	93,817	65,968	313,202	333,682	3,371.8	3,920.5
1997	90,840	66,259	317,662	332,072	3,270.3	4,004.2
1998	88,918	62,677	311,475	329,970	3,284.2	4,029.4
1999	86,049	57,668	311,967	329,255	3,403.2	4,079.6
2000 ⁴	87,691	56,398	307,955	328,685	3,488.8	4,114.9
2001 ⁴	83,531	52,037	303,560	324,584	3,353.5	4,083.3
2002 ⁵	82,636	49,248	299,146	327,283	3,270.2	4,071.4
2003 ⁵	85,689	56,379	307,399	325,692	3,263.6	4,054.7
2004 ⁵	85,962	53,644	304,627	322,380	3,238.3	3,925.1

¹Corn for grain, oats, barley, and sorghum for grain. ²Wheat, rye, and rice. ³Crops included in area planted and area harvested are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, and sugarbeets. Harvested acreage for all hay, tobacco, and sugarcane are used in computing total area planted. ⁴For the 2000 crop year many changes occurred to the National Vegetable Estimation Program. Nine new commodities were added to the program. Additionally, States were added or dropped from the seasonal program. Some States were discontinued for the seasonal forecasts but remained in the program on an annual basis. When comparing 2001 and 2000 data to 1999 data, comparable States should be used. ⁵For the 2002 crop year, many changes occurred to the National Vegetable Estimation Program. Ten fresh market commodities and two processing commodities were removed from the program. States were removed from the program for certain commodities. When comparing 2000 and 2001 data to 2002 data, comparable States should be used. If you need assistance with these comparisons, please contact Biz Wallingsford at (202) 720-2157. For details on the 2002 program changes see the following website: <http://www.usda.gov/nass/events/programchg/vegprogchngs.htm>. ⁶Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, limes, tangelos, and K-Early Citrus (area is for the year of harvest); limes and K-Early citrus were discontinued as of the 2002-03 crop; deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit, olives, avocados, papayas, dates, berries, guavas, cranberries, pineapples and strawberries; nuts—almonds, hazelnuts, macadamias, pistachios, and walnuts.

NASS, Crops Branch, (202) 720-2127.

Table 9-23.—Crops: Area, yield, production, and value, United States, 2003–2004

Crop	Area harvested		Yield per harvested acre		
	2003	2004 ¹	Unit	2003	2004 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>			
Grains & Hay:					
Barley ²	4,727.0	4,021.0	Bushel	58.9	69.4
Corn for Grain	70,944.0	73,632.0	Bushel	142.2	160.4
Corn for Silage	6,583.0	6,103.0	Ton	16.3	17.6
Hay, All	63,383.0	61,916.0	Ton	2.49	2.55
Alfalfa	23,529.0	21,707.0	Ton	3.24	3.47
All Other	39,854.0	40,209.0	Ton	2.04	2.05
Oats ²	2,220.0	1,792.0	Bushel	65.0	64.7
Proso Millet	620.0	595.0	Bushel	18.5	25.3
Rice	2,997.0	3,325.0	Pound	6,670	6,942
Rye ²	319.0	320.0	Bushel	27.1	26.9
Sorghum for Grain	7,798.0	6,517.0	Bushel	52.7	69.8
Sorghum for Silage	343.0	352.0	Ton	10.4	13.5
Wheat, All ²	53,063.0	49,999.0	Bushel	44.2	43.2
Winter ²	36,753.0	34,462.0	Bushel	46.7	43.5
Durum	2,869.0	2,363.0	Bushel	33.7	38.0
Other Spring	13,441.0	13,174.0	Bushel	39.5	43.2
Oilseeds:					
Canola	1,068.0	828.0	Pound	1,416	1,618
Cottonseed	588.0	516.0	Ton	17.9	20.3
Flaxseed	107.0	68.7	Pound	723	819
Mustard Seed	1,312.0	1,394.0	Pound	3,159	3,057
Peanuts	1.2	7.8	Pound	949	1,394
Rapeseed	213.0	159.0	Pound	1,290	1,105
Safflower	72,476.0	73,958.0	Bushel	33.9	42.5
Soybeans for Beans	2,197.0	1,711.0	Pound	1,213	1,197
Sunflower					
Cotton, Tobacco & Sugar Crops:					
Cotton, All	12,003.4	13,057.0	Pound	730	846
Upland	11,826.0	12,809.0	Pound	723	835
Amer-Pima	177.4	248.0	Pound	1,170	1,425
Sugarbeets	1,347.8	1,306.7	Ton	22.8	22.9
Sugarcane	992.3	952.1	Ton	34.1	30.8
Tobacco	411.2	409.1	Pound	1,952	2,159
Dry Beans, Peas & Lentils:					
Austrian Winter Peas	15.6	21.5	Pound	1,115	1,228
Dry Edible Beans	1,346.9	1,219.3	Pound	1,670	1,460
Dry Edible Peas	328.5	507.8	Pound	1,584	2,249
Lentils	237.0	329.0	Pound	1,030	1,271
Wrinkled Seed Peas			NA		
Potatoes & Misc.:					
Coffee (HI)	5.9	5.8	Pound	1,410	1,220
Ginger Root (HI)	0.2	0.2	Pound	37,500	40,000
Hops	28.7	27.7	Pound	1,903	1,990
Maple syrup			NA		
Mushrooms			NA		
Peppermint Oil	79.4	77.7	Pound	88	92
Potatoes, All	1,248.6	1,168.1	Cwt	367	391
Winter	14.3	18.5	Cwt	282	260
Spring	84.7	72.2	Cwt	288	314
Summer	58.7	54.6	Cwt	320	345
Fall	1,090.9	1,022.8	Cwt	376	401
Spearmint Oil	15.8	15.1	Pound	113	116
Sweet Potatoes	92.6	93.3	Cwt	172	176
Taro (HI)	0.4	0.4	Pound		

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2003–2004—
Continued**

Crop	Production			Value of production	
	Unit	2003	2004 ¹	2003	2004 ¹
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Grains & Hay:					
Barley ²	Bushel	278,283	279,253	755,140	694,038
Corn for Grain	Bushel	10,089,222	11,807,217	24,476,803	23,032,795
Corn for Silage	Ton	107,378	107,336	.....	.....
Hay, All	Ton	157,585	157,774	12,006,783	12,197,354
Alfalfa	Ton	76,273	75,383	6,724,537	6,977,603
All Other	Ton	81,312	82,391	5,282,246	5,219,751
Oats ²	Bushel	144,383	115,935	224,910	168,015
Proso Millet	Bushel	11,450	15,065	33,730	42,611
Rice	Cwt	199,897	230,818	1,628,948	1,676,020
Rye ²	Bushel	8,634	8,615	25,336	26,907
Sorghum for Grain	Bushel	411,237	454,899	964,978	839,210
Sorghum for Silage	Ton	3,552	4,763	.....	.....
Wheat, All ²	Bushel	2,344,760	2,158,245	7,929,039	7,191,798
Winter ²	Bushel	1,716,721	1,499,434	5,597,974	4,916,122
Durum	Bushel	96,637	89,893	396,905	347,812
Other Spring	Bushel	531,402	568,918	1,934,160	1,927,864
Oilseeds:					
Canola	Pound	1,512,250	1,339,530	149,659	149,365
Cottonseed	Ton	6,664.6	8,411.0	778,994	874,280
Flaxseed	Bushel	10,516	10,471	61,900	82,590
Mustard Seed	Pound	77,372	56,290	12,357	8,550
Peanuts	Pound	4,144,150	4,261,700	799,428	834,380
Rapeseed	Pound	1,139	10,875	125	1,528
Safflower	Pound	274,755	175,765	37,585	21,423
Soybeans for Beans	Bushel	2,453,665	3,140,996	18,013,753	16,098,170
Sunflower	Pound	2,665,226	2,047,863	316,214	268,364
Cotton, Tobacco & Sugar Crops:					
Cotton, All	Bale	18,255.2	23,006.0	5,516,761	5,299,559
Upland	Bale	17,822.9	22,270.0	5,266,078	4,948,884
Amer-Pima	Bale	432.3	736.0	250,683	350,675
Sugarbeets	Ton	30,710	29,932	1,270,026	.....
Sugarcane	Ton	33,858	29,295	998,269	.....
Tobacco	Pound	802,654	883,171	1,578,880	1,752,201
Dry Beans, Peas & Lentils:					
Austrian Winter Peas	Cwt	174	264	1,833	2,520
Dry Edible Beans	Cwt	22,492	17,799	422,793	444,795
Dry Edible Peas	Cwt	5,202	11,419	39,352	68,286
Lentils	Cwt	2,442	4,182	41,407	64,228
Wrinkled Seed Peas	Cwt	673	899	9,222	12,719
Potatoes & Misc.:					
Coffee (HI)	Pound	8,300	7,100	24,070	22,365
Ginger Root (HI)	Pound	6,000	6,000	3,600	5,400
Hops	Pound	54,565.1	55,203.9	101,637	104,798
Maple syrup ³	Gallons ..	.....	.....	35,601	.....
Mushrooms	Pound ....	.....	.....	890,394	920,418
Peppermint Oil	Pound	6,996	7,146	84,218	85,233
Potatoes, All	Cwt	457,814	456,362	2,685,822	2,564,165
Spearmint Oil	Pound	1,778	1,746	16,521	16,550
Sweet Potatoes	Cwt	15,891	16,399	305,448	287,432
Taro (HI)	Pound	5,000	5,200	2,700	2,808

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2003–2004—
Continued**

Crop	Area harvested ⁴		Yield per harvested acre ⁵		
	2003	2004 ¹	Unit	2003	2004 ¹
	<i>Acres</i>	<i>Acres</i>			
Apples, commercial crop	388,950	386,490	Ton	11.20	13.10
Apricots	17,840	17,340	Ton	5.47	5.81
Avocados ⁶	67,400		Ton	3.48	
Bananas	1,350		Ton	8.35	
Blackberries (OR)	6,400	6,300	Ton	3.26	3.72
Blueberries			Ton		
Cultivated	41,670	44,430	Ton	2.26	2.56
Wild (ME)			Ton		
Boysenberries	1,000	950	Ton	2.15	2.74
Loganberries (OR)	70	60	Ton	1.36	1.42
Raspberries			Ton		
Black (OR)	1,100	1,000	Ton	1.05	1.10
Red	11,200	10,900	Ton	3.23	3.08
All (CA)	3,000	3,200	Ton	10.30	10.40
Cherries, sweet	74,990	78,275	Ton	3.28	3.60
Cherries, tart	36,970	36,950	Ton	3.06	2.88
Cranberries	39,600	39,200	Ton	7.82	8.12
Dates (CA)	5,300	4,500	Ton	3.09	4.60
Figs (CA)	13,000	12,500	Ton	3.73	4.06
Grapes	951,010	933,200	Ton	6.89	6.40
Guava (HI)	530		Ton	6.30	
Kiwifruit (CA)	4,500	4,500	Ton	5.64	5.76
Nectarines (CA)	36,500	36,500	Ton	7.48	7.45
Olives (CA)	36,000	32,000	Ton	3.28	3.25
Papayas (HI)	1,565	1,235	Ton	13.60	14.40
Peaches	145,530	146,300	Ton	8.65	8.74
Pears	64,150	64,700	Ton	14.50	13.80
Pineapples (HI)	16,000	13,000	Ton		
Plums (CA)	36,000	36,000	Ton	5.81	4.33
Prunes, dried (CA)	72,000	70,000	Ton	8.02	2.06
Prunes and plums, fresh basis (excluding CA)	4,010	3,960	Ton	4.06	6.29
Strawberries	48,400	51,600	Ton	22.30	21.50
Oranges ⁷	791,700	761,400	Ton	14.59	16.99
Grapefruit ⁷	128,500	114,800	Ton	16.06	18.75
Lemons ⁷	61,800	59,800	Ton	16.61	13.35
Tangerines ⁷	36,600	36,200	Ton	10.44	12.02
Tangelos ⁷ (FL)	9,100	8,000	Ton	11.61	5.63
Templets ⁷ (FL)	4,200	3,400	Ton	13.95	18.53
Almonds ⁸ (CA)	550,000	550,000	Ton	1.58	1.55
Hazelnuts (filberts) ⁸	28,000	28,600	Ton	1.35	1.29
Macadamia nuts ⁸ (HI)	17,800	17,800	Ton	1.49	1.44
Pecans ⁹			Ton		
Pistachios ⁸ (CA)	88,000	93,000	Ton	0.68	1.87
Walnuts ⁸ (CA)	213,000	217,000	Ton	1.53	1.50

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2003–2004—
Continued**

Crop	Total production			Value of production	
	Unit	2003	2004 ¹	2003	2004 ¹
		<i>Thou-</i>	<i>Thou-</i>	<i>1,000</i>	<i>1,000</i>
		<i>sands</i>	<i>sands</i>	<i>dollars</i>	<i>dollars</i>
Apples, commercial crop	Ton	4,356.6	5,039.2	1,811,130	1,758,277
Apricots	Ton	97.6	100.7	34,706	34,978
Avocados ⁶	Ton	234.4		396,127	
Bananas ¹⁰	Ton			9,225	
Blackberries (OR)	Ton	21.2	23.5	28,986	33,407
Blueberries	Ton				
Cultivated	Ton	94.8	114.4	220,649	275,963
Wild (ME)	Ton	40.2	23.0	26,880	18,670
Boysenberries	Ton	2.2	2.6	3,725	5,968
Loganberries (OR)	Ton	0.1	0.1	189	131
Raspberries	Ton				
Black (OR)	Ton	1.2	1.1	3,132	4,952
Red	Ton	36.5	33.5	40,774	52,398
All (CA)	Ton	30.8	33.3	127,920	138,985
Cherries, sweet	Ton	245.7	282.1	342,112	435,734
Cherries, tart	Ton	113.2	106.5	81,302	70,810
Cranberries	Ton	309.7	318.1	208,611	221,755
Dates (CA)	Ton	16.4	20.7	26,896	31,464
Figs (CA)	Ton	48.5	50.8	15,373	19,463
Grapes	Ton	6,552.5	5,972.5	2,605,586	2,879,011
Guava ¹⁰ (HI)	Ton	3.4		925	
Kiwifruit (CA)	Ton	25.4	25.9	20,472	
Nectarines (CA)	Ton	273.0	272.0	119,028	86,278
Olives (CA)	Ton	118.0	104.0	48,289	60,643
Papayas ¹⁰ (HI)	Ton	21.3	17.8	13,069	12,319
Peaches	Ton	1,259.5	1,279.1	454,286	461,216
Pears	Ton	928.1	893.3	270,425	295,531
Pineapples ¹⁰ (HI)	Ton	300.0	215.0	101,470	79,934
Plums (CA)	Ton	209.0	156.0	87,362	74,347
Prunes, dried (CA)	Ton	577.5	143.9	129,696	72,000
Prunes and plums, fresh basis (excluding CA)	Ton	16.3	24.9	5,260	6,784
Strawberries ¹⁰	Ton	1,078.0	1,106.9	1,375,142	1,471,251
Oranges ^{7 10 11}	Ton	11,545	12,930	1,564,658	1,645,856
Grapefruit ^{7 10 11}	Ton	2,063	2,152	263,490	296,777
Lemons ^{7 10 11}	Ton	1,026	798	291,425	269,753
Tangelos ^{7 10 11} (FL)	Ton	105	45	11,489	9,871
Tangerines ^{7 10 11}	Ton	382	435	117,462	125,301
Temples ^{7 10 11} (FL)	Ton	59	63	5,591	4,806
Almonds ¹⁰ (CA)	Ton	866.7	850.0	1,600,144	2,051,628
Hazelnuts (filberts) ¹⁰	Ton	37.9	37.0	39,037	50,690
Macadamia nuts ¹⁰ (HI)	Ton	26.5	25.5	32,330	33,150
Pecans ¹⁰	Ton	141.1	90.5	277,629	301,421
Pistachios ¹⁰ (CA)	Ton	59.5	174.0	145,180	438,480
Walnuts ¹⁰ (CA)	Ton	326.0	325.0	374,900	

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2003–2004—
Continued**

Crop	Area harvested		Yield per harvested acre		
	2003	2004 ¹	Unit	2003	2004 ¹
	<i>Acres</i>	<i>Acres</i>			
Commercial Vegetables:					
Fresh Market					
Artichokes ¹²	7,200	7,500	Cwt	140	110
Asparagus ¹²	58,000	52,500	Cwt	32	33
Beans, snap	92,900	92,900	Cwt	61	63
Broccoli ¹²	131,600	137,900	Cwt	148	150
Cabbage	74,850	75,850	Cwt	302	330
Cantaloups	86,000	89,950	Cwt	257	225
Carrots	85,800	83,900	Cwt	316	319
Cauliflower ¹²	39,000	41,600	Cwt	168	170
Celery ¹²	27,500	27,300	Cwt	700	689
Corn, sweet	246,800	246,200	Cwt	115	118
Cucumbers	55,000	56,170	Cwt	171	172
Garlic ¹²	35,000	31,600	Cwt	178	165
Honeydew melons	23,200	21,700	Cwt	226	235
Lettuce, head	182,500	189,200	Cwt	374	370
Lettuce, leaf	57,400	54,000	Cwt	245	239
Lettuce, Romaine	76,500	81,200	Cwt	295	331
Onions ¹²	166,090	166,650	Cwt	442	485
Peppers, bell ¹²	53,800	54,900	Cwt	300	306
Peppers, Chile ¹²	29,000	30,100	Cwt	153	158
Pumpkins ¹²	39,800	45,100	Cwt	205	221
Spinach	36,880	40,600	Cwt	151	159
Squash ¹²	50,700	52,600	Cwt	152	147
Tomatoes	121,700	126,400	Cwt	292	286
Watermelons	149,500	141,200	Cwt	256	261
Processing:					
Beans, lima	45,800	41,600	Ton	1.31	1.29
Beans, snap	189,600	198,400	Ton	3.84	4.15
Carrots	15,950	15,760	Ton	28.19	27.16
Corn, sweet	426,600	405,800	Ton	7.66	7.31
Cucumbers for pickles	118,800	113,500	Ton	5.46	5.16
Peas, green	232,100	203,200	Ton	2.01	1.92
Spinach	14,100	12,400	Ton	8.52	10.50
Tomatoes	293,920	300,620	Ton	33.41	40.80

See footnotes at end of table.

**Table 9-23.—Crops: Area, yield, production, and value, United States, 2003–2004—
Continued**

Crop	Production			Value of production	
	Unit	2003	2004 ¹	2003	2004 ¹
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Commercial Vegetables:					
Fresh Market					
Artichokes ¹²	Cwt	1,008	825	75,701	72,023
Asparagus ¹²	Cwt	1,843	1,708	174,551	183,184
Beans, snap	Cwt	5,695	5,859	280,605	267,005
Broccoli ¹²	Cwt	19,450	20,735	615,534	676,683
Cabbage	Cwt	22,639	25,036	294,564	346,775
Cantaloups	Cwt	22,107	20,274	371,721	300,578
Carrots	Cwt	27,114	26,752	518,435	543,098
Cauliflower ¹²	Cwt	6,546	7,069	226,202	230,560
Celery ¹²	Cwt	19,256	18,802	258,965	283,900
Corn, sweet	Cwt	28,503	29,110	550,528	618,790
Cucumbers	Cwt	9,425	9,652	187,391	212,734
Garlic ¹²	Cwt	6,241	5,224	160,200	138,486
Honeydew melons	Cwt	5,245	5,089	98,520	89,731
Lettuce, head	Cwt	68,248	69,968	1,235,234	1,175,734
Lettuce, leaf	Cwt	14,042	12,910	440,437	375,529
Lettuce, Romaine	Cwt	22,538	26,844	621,730	513,634
Onions ¹²	Cwt	73,363	80,900	982,362	863,295
Peppers, bell ¹²	Cwt	16,118	16,803	494,663	576,375
Peppers, Chile ¹²	Cwt	4,443	4,753	102,748	123,615
Pumpkins ¹²	Cwt	8,151	9,975	81,054	99,835
Spinach	Cwt	5,569	6,436	207,247	245,226
Squash ¹²	Cwt	7,685	7,756	197,020	222,718
Tomatoes	Cwt	35,578	36,116	1,332,361	1,342,478
Watermelons	Cwt	38,221	36,816	343,071	313,458
Processing:					
Beans, lima	Ton	60,180	53,550	26,615	22,772
Beans, snap	Ton	727,640	823,540	114,520	131,712
Carrots	Ton	449,570	428,080	33,750	34,396
Corn, sweet	Ton	3,266,050	2,968,180	229,788	213,993
Cucumbers for pickles	Ton	648,430	585,980	178,328	157,112
Peas, green	Ton	467,670	390,090	117,087	98,032
Spinach	Ton	120,130	130,220	12,824	15,088
Tomatoes	Ton	9,819,710	12,266,410	576,441	719,285

¹ Preliminary. ² Includes area seeded in preceding fall. ³ Value for 2004 is not available. ⁴ Bearing acreage for citrus and noncitrus fruits and nuts. ⁵ Yield per bearing acreage for citrus and noncitrus fruits and nuts. ⁶ Year of bloom. ⁷ Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. ⁸ Yield derived from the in-shell basis. ⁹ Bearing acreage and yield not calculated. ¹⁰ Utilized production. ¹¹ Equivalent packinghouse-door returns. ¹² Includes processing total for dual usage crops.

NASS, Crops Branch, (202) 720-2127.

Table 9-24.—Total farm input: Index numbers of farm input, by major subgroups, United States, 1993–2002
[1992=100]

Year	Total input	Farm labor	Capital	Land	Energy	Agricultural chemicals ¹	Feed, seed, and livestock ²	Purchased services ³
1993	1.001	0.978	1.027	0.988	0.934	0.938	1.048	0.974
1994	1.017	0.990	1.015	0.992	0.960	1.003	1.062	1.005
1995	1.037	1.027	1.013	0.996	1.007	0.921	1.107	1.052
1996	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
1997	1.034	1.006	0.998	1.002	1.025	1.083	1.075	1.066
1998	1.047	0.978	0.995	1.001	1.041	1.042	1.161	1.112
1999	1.073	1.008	0.991	0.998	1.062	1.034	1.226	1.140
2000	1.042	0.977	0.985	0.992	0.997	1.012	1.198	1.101
2001	1.032	0.964	0.981	0.985	0.973	0.971	1.167	1.133
2002	1.017	0.958	0.980	0.977	0.971	0.981	1.131	1.073

¹Includes fertilizer, lime, and pesticide. ²Includes broilers- and egg-type chicks and turkey poults and imports of livestock for purposes other than immediate slaughter. ³Includes purchased services and miscellaneous inputs.

ERS, Resources, Technology and Productivity Branch (202) 694–5601.

Table 9-25.—Livestock and livestock products: Production and value, United States, 2001–2003

Product	Production ¹			Value of production		
	2001	2002	2003 ²	2001	2002	2003 ²
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves	42,581,294	42,409,258	42,243,717	29,403,098	27,083,342	32,167,511
Sheep and lambs	501,483	485,149	468,432	303,186	313,946	390,158
Hogs	25,866,250	26,274,153	26,333,873	11,416,397	8,690,923	9,729,171
Broilers ³	42,452,400	44,058,700	43,958,200	16,696,089	13,437,345	15,214,947
Mature chickens	1,032,115	1,039,118	976,214	47,249	49,931	47,679
Turkeys	7,173,111	7,494,861	7,549,333	2,796,821	2,732,481	2,720,180
Milk	164,123,000	168,944,000	169,198,000	24,869,285	20,720,482	21,369,706
Catfish ⁵				443,480	411,413	425,024
Trout ⁶				76,241	69,934	64,046
Honey	186,051	171,718	181,727	132,989	228,338	253,106
	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>			
Eggs	85,745	87,179	87,473	4,446,312	4,281,416	5,315,311

Product	Production			Value of production		
	2002	2003	2004	2002	2003	2004
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Wool (shorn)	41,078	38,299	37,622	21,689	28,126	29,931
Mohair ⁴	2,174	1,880	1,935	3,435	3,127	3,811

¹For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory. Estimates for broilers and eggs cover the 12-month period Dec. 1, previous year through Nov. 30. ²Preliminary, except for wool shorn and mohair. ³Young chickens of meat-type strains raised for meat production. ⁴AZ, NM, and TX for 2002 and 2003 only. ⁵Value of fish sold. ⁶Value of fish and eggs sold.

NASS, Livestock Branch, (202) 720–3570.

Table 9-26.—Agricultural productivity: Index numbers (1996=100) of farm output per unit of input, United States, 1992–2002

Year	Productivity ¹
1992	0.959
1993	0.909
1994	0.996
1995	0.927
1996	1.000
1997	1.002
1998	1.002
1999	1.001
2000	1.040
2001	1.036
2002	1.044

¹Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 9–25 by the index of total input in table 9–26.

ERS, Resources, Technology and Productivity Branch (202) 694–5601.

Table 9-27.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1994–2003¹

Year	Total marketing bill	Farm value	Expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1994	402.6	109.6	512.2
1995	415.7	113.8	529.5
1996	424.5	122.2	546.7
1997	444.6	121.9	566.5
1998	465.4	119.6	585.0
1999	503.1	122.2	625.3
2000	537.8	123.3	661.1
2001	557.5	130.0	687.5
2002	576.9	132.5	709.4
2003 ²	604.0	140.2	604.0

¹The total marketing bill is the difference between total expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to food purchased by consumers that is not imported or exported. ²Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

Table 9-28.—Farm food products: Marketing costs, United States, 1994–2003

Year	Labor ¹	Packaging materials	Intercity transportation, rail and truck	Fuels and electricity	Corporate profits before taxes	Other ²	Total marketing bill ³
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1994	186.1	43.3	21.8	17.9	20.9	112.6	402.6
1995	196.6	48.2	22.3	18.6	19.5	110.5	415.7
1996	204.6	47.7	22.9	19.6	20.7	109.0	424.5
1997	216.9	48.7	23.6	20.2	22.3	112.9	444.6
1998	229.9	50.4	24.4	20.7	25.5	114.5	465.4
1999	241.5	50.9	25.2	22.0	29.2	134.3	503.1
2000	252.9	53.5	26.4	23.1	31.1	150.8	537.8
2001	263.8	55.0	27.5	24.1	32.0	155.1	557.5
2002	273.1	56.8	28.4	24.9	33.0	160.7	576.9
2003 ⁴	285.9	59.5	29.7	26.1	34.6	168.2	604.0

¹Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. ²Includes depreciation, rent, advertising and promotion, interest, taxes, licenses, insurance, professional services, local for-hire transportation, food service in schools, colleges, hospitals, and other institutions, and miscellaneous items. ³The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits. ⁴Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

Table 9-29.—Price components: Market basket of farm-originated food products by food group, United States, 1994–2003 ¹

Year	Market basket of food products				Bakery and cereal products			
	Retail cost ²	Farm value ³	Farm to retail spread ⁴	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1994	145	101	169	24	164	103	171	8
1995	149	103	175	24	168	110	176	8
1996	156	111	180	25	174	126	181	9
1997	160	106	189	23	178	108	187	7
1998	163	103	195	22	181	94	193	6
1999	167	98	205	21	185	83	199	6
2000	171	97	210	20	188	75	204	5
2001	177	106	215	21	194	79	210	5
2002	180	104	221	20	198	86	214	5
2003 ⁵	185	110	226	21	203	94	218	6

	Meat products				Fruits and vegetables, fresh			
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1994	135	96	176	36	191	119	225	21
1995	136	94	178	35	210	133	248	21
1996	140	100	181	36	216	133	257	20
1997	144	101	189	36	220	128	265	20
1998	142	85	200	30	237	133	288	19
1999	142	82	205	29	252	136	306	18
2000	150	88	214	30	252	131	310	17
2001	159	97	223	31	261	138	321	17
2002	160	103	220	32	272	150	331	18
2003 ⁵	169	108	231	33	280	157	339	19

	Dairy products				Fats and oils			
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1994	132	94	166	34	134	126	137	25
1995	133	92	170	33	137	121	143	24
1996	142	107	174	36	141	112	151	22
1997	146	98	189	32	142	109	154	21
1998	151	113	186	36	147	119	157	22
1999	160	108	207	32	148	89	170	16
2000	161	99	218	30	147	81	172	15
2001	167	119	212	34	156	77	185	13
2002	168	98	233	28	155	92	179	16
2003 ⁵	168	99	231	28	157	113	174	19

	Poultry				Fruits and vegetables, processed			
	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Index 1982–84=100</i>	<i>Percent</i>
1994	142	115	173	43	135	113	141	20
1995	144	114	178	42	138	121	143	21
1996	152	126	183	44	144	122	152	20
1997	157	121	198	41	148	116	158	19
1998	157	126	193	43	151	115	162	18
1999	158	119	203	40	155	114	168	17
2000	160	117	209	39	154	106	168	17
2001	165	126	209	41	159	108	175	16
2002	167	102	242	33	166	111	184	16
2003 ⁵	169	113	234	36	172	108	192	15

¹The market basket consists of foods that mainly originate on U.S. farms bought in foodstores in a base period, currently 1982–84. ²Indexes of retail cost are components of the Consumer Price Index published by the Bureau of Labor Statistics. ³Gross return or payment to farmers for the farm products equivalent to foods in the market basket. ⁴The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. ⁵Preliminary.

ERS, Food Markets Branch (202) 694–5375.

**Table 9-30.—Farm product prices: Marketing year average prices received by farmers;
Parity prices for January, United States, 2002 and 2003**

Commodity and unit		Marketing year average price ¹		Parity price ³	
		2002	2003 ²	2002	2003
		Dollars	Dollars	Dollars	Dollars
Basic commodities:					
Cotton:					
American Upland	pound	0.445	0.618	1.60	1.67
Extra long staple	pound	0.860	1.210	2.26	2.34
Wheat	bushel	3.56	3.40	9.35	9.53
Rice	cwt	4.49	8.08	25.00	26.10
Corn	bushel	2.32	2.42	6.33	6.51
Peanuts	pound	0.182	0.193	0.648	0.650
Tobacco:					
Flue-cured, types 11-14	pound	1.820	1.851	4.12	4.29
Va., fire-cured, type 21	pound	1.884	1.641	4.15	4.34
Ky.-Tenn., fire-cured, types 22-23	pound	2.378	2.475	5.15	5.36
Burley, type 31	pound	1.974	1.977	4.43	4.60
Maryland, type 32 ⁴	pound	1.384	1.463	3.55	3.65
Dark air-cured, types 35-36	pound	2.101	2.157	4.36	4.62
Sun-cured, type 37	pound	1.778	1.707	3.86	4.07
Pa., seedleaf, type 41	pound	1.450	1.400	3.04	3.33
Cigar binder type 51-52	pound	5.372	3.584	10.90	12.00
Puerto Rican filler, type 46	pound	.....	.....	2.79	2.73
Cigar filler types 54-55	pound	1.750	1.746	3.52	3.70
Designated nonbasic commodities:					
All milk, sold to plants	cwt	12.18	12.55	32.10	33.00
Fluid market	cwt	12.20	12.55	.....	.....
Manufacturing grade	cwt	10.89	11.72	.....	.....
Honey, all	pound	1.327	1.404	1.500	1.570
Wool and mohair:					
Wool ⁵	pound	0.530	0.730	1.53	1.52
Mohair ⁶	pound	1.58	1.66	5.09	5.44
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	2.72	2.83	6.22	6.44
Beans, dry edible	cwt	17.10	18.40	46.80	49.70
Cottonseed	ton	101.00	117.00	254.00	261.00
Crude pine gum	barrel	.....	.....	224.00	233.00
Flaxseed	bushel	5.77	5.88	11.00	11.80
Hay, all, baled	ton	92.40	85.50	202.00	214.00
Hops	pound	1.91	1.86	4.09	4.27
Oats	bushel	1.81	1.48	3.86	4.07
Peas, dry edible	cwt	7.79	7.63	30.50	31.60
Peppermint oil	pounds	11.90	12.00	29.20	30.00
Popcorn, shelled basis	cwt	.....	.....	29.20	30.30
Potatoes	cwt	6.67	5.89	13.20	13.60
Rye	bushel	3.32	3.00	5.51	5.74
Sorghum grain	cwt	4.14	4.26	10.80	11.00
Soybeans	bushel	5.53	7.34	13.90	14.20
Spearmint oil	pound	9.11	9.29	26.50	26.60
Sweetpotatoes	cwt	16.80	19.20	35.20	36.70
Tobacco:					
Cigar wrapper, type 61	pound	22.50	.....	41.30	42.00
Fruits:					
Citrus (equiv. on-tree): ⁷					
Grapefruit	box	2.93	3.48	7.12	6.50
Lemons	box	6.53	8.57	17.40	18.40
Limes, Florida	box	6.19	.....	.....	.....
Oranges	box	3.56	3.25	10.40	9.54
Tangelos, Florida	box	2.47	2.60	.....	.....
Tangerines	box	10.07	9.17	25.00	24.40
Temple, Florida	box	2.01	1.00	8.51	7.75
Deciduous and other:					
Apples:					
For all sales	pound	.....	.....	.....	.....
For fresh consumption ⁸	pound	0.258	0.294	0.467	0.480
For processing ⁹	ton	130.00	132.00	310.00	301.00
Apricots:					
For all sales	ton	.....	.....	.....	.....
For fresh consumption ¹⁰	ton	678.00	618.00	1,650.00	1,720.00
Dried, California (dried basis) ⁹	ton	1,590.00	1,760.00	4,680.00	4,750.00
For processing (except dried) ⁹	ton	268.00	262.00	656.00	673.00
Avocados ¹⁰	ton	1,920.00	1,690.00	3,460.00	3,650.00

See footnotes at end of table.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2002 and 2003—Continued

Commodity and unit	Marketing year average price ¹		Parity price ³	
	2002	2003 ²	2002	2003
	Dollars	Dollars	Dollars	Dollars
Deciduous and other—Con.				
Berries for processing:				
Blackberries (Oregon)	pound 0.442	0.695	1.000	1.040
Boysenberries (California & Oregon)	pound 0.664	0.866	1.420	1.470
Gooseberries	pound .....	.....	0.602	0.624
Loganberries (Oregon)	pound 0.808	0.990	0.974	1.010
Raspberries, black (Oregon)	pound 0.411	1.360	1.71	1.77
Raspberries, red (Oregon & Washington)	pound 0.521	0.563	1.360	1.410
Cherries:				
Sweet	ton 1,550.00	1,410.00	2,790.00	3,030.00
Tart	pound 0.448	0.359	0.438	0.383
Cranberries ¹¹	barrel 32.20	33.70	108.00	104.00
Dates, California ¹⁰	ton 1,550.00	1,640.00	2,540.00	2,700.00
Figs, California	ton 340.00	317.00	.....	.....
Grapes:				
For all sales	ton 387.00	407.00	.....	.....
Raisin varieties dried, California (dried basis) ⁹	ton 393.00	563.00	2,160.00	2,180.00
Other dried grapes	ton 490.00	478.00	1,060.00	1,150.00
Kiwi	ton 783.00	853.00	1,240.00	1,240.00
Nectarines (California):				
For all sales	ton .....	.....	.....	.....
For fresh consumption ¹⁹	ton 382.00	436.00	1,020.00	1,070.00
For processing ¹⁹	ton .....	.....	61.70	63.30
Olives (California): ¹²				
For all sales	ton 573.00	409.00	.....	.....
Crushed for oil	ton 240.00	238.00	24.40	28.30
For all sales (except crushed)	ton .....	.....	1,350.00	1,410.00
For canning	ton 662.00	458.00	1,570.00	1,620.00
Papayas	pound 0.277	0.319	0.816	0.850
Peaches:				
For all sales	ton 400.00	377.00	.....	.....
For fresh consumption ⁹	ton 612.00	582.00	1,238.00	1,330.00
Dried, California (dried basis) ⁹	ton 456.00	446.00	1,660.00	1,620.00
For processing California (except dried):				
Clingstone ¹²	ton 247.00	215.00	525.00	552.00
Freestone ⁹	ton 199.00	204.00	441.00	449.00
Pears:				
For all sales	ton 297.00	293.00	.....	.....
For fresh consumption ⁹	ton 361.00	357.00	835.00	865.00
Dried, California (dried basis) ⁹	ton 1,315.00	1,350.00	2,620.00	2,700.00
For processing (except dried) ⁹	ton 202.00	206.00	464.00	475.00
Plums (California):				
For all sales ¹⁰	ton 386.00	418.00	.....	.....
For fresh consumption ¹⁹	ton .....	.....	869.00	958.00
For processing ¹⁹	ton .....	.....	45.10	52.60
Prunes, dried (California) ⁹	ton 810.00	772.00	2,210.00	2,210.00
Prunes and plums (excl. California):				
For fresh consumption ¹³	ton 396.00	446.00	830.00	896.00
For processing (except dried) ⁹	ton 204.00	254.00	389.00	417.00
Strawberries:				
For fresh consumption ¹⁴	pound 0.713	0.749	1.510	1.590
For processing ⁹	pound 0.331	0.281	0.644	0.686
Sugar crops:				
Maple syrup	gallon 27.50	28.30	.....	.....
Sugarbeets	ton 39.60	41.40	91.70	94.60
Sugarcane for sugar	ton 28.40	29.50	66.20	67.80
Tree nuts: ¹⁵				
Almonds	pound 1.11	1.57	3.47	3.53
Hazelnuts	ton 1,000.00	1,030.00	1,910.00	2,080.00
Pecans, all	pound 0.955	0.984	2.19	2.12
Improved	pound 1.070	1.100	.....	.....
Seedling	pound 0.603	0.683	.....	.....
Pistachios	pound 1.10	1.22	2.54	2.68
Walnuts	ton 1,170.00	1,150.00	2,960.00	3,030.00

See footnotes at end of table.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 2002 and 2003—Continued

Commodity and unit		Marketing year average price ¹		Parity price ³	
		2002 ²	2003 ²	2002	2003
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Vegetables for fresh market: ¹⁴					
Artichokes, California	cwt	71.50	75.10	73.50	76.20
Asparagus	cwt	110.00	115.00	262.00	275.00
Broccoli	cwt	31.40	32.70	63.80	68.10
Cabbage	cwt	12.90	13.20	22.30	23.10
Cantaloups	cwt	17.70	16.80	34.40	35.70
Carrots ¹⁶	cwt	19.10	19.10	32.30	35.30
Cauliflower ¹⁶	cwt	32.20	35.10	72.00	75.80
Celery ¹⁶	cwt	12.80	13.40	32.30	33.50
Cucumbers	cwt	19.00	19.90	36.80	38.20
Eggplant ²¹	cwt	.....	.....	38.90	40.30
Escarole/Endive ²¹	cwt	.....	.....	50.10	51.90
Garlic	cwt	27.60	25.70	47.30	49.00
Green peppers ¹⁶	cwt	29.60	30.70	58.10	60.30
Honeydew melons	cwt	18.10	18.80	43.80	46.50
Lettuce	cwt	21.10	18.10	38.00	41.30
Onions ¹⁶	cwt	12.10	14.50	27.50	27.80
Snap beans	cwt	47.60	49.30	72.80	75.50
Spinach	cwt	34.20	37.20	63.80	66.10
Sweet corn	cwt	19.20	19.30	41.00	43.50
Tomatoes	cwt	31.60	37.40	70.70	72.10
Watermelons	cwt	8.30	8.98	13.70	14.20
Vegetables for processing: ⁹					
Asparagus	ton	1,110.00	1,170.00	2,620.00	2,750.00
Beets ²¹	ton	.....	.....	126.00	130.00
Cabbage ²¹	ton	.....	.....	97.10	101.00
Cucumbers	ton	273.00	275.00	.....	.....
Green peas	ton	253.00	250.00	622.00	646.00
Lima beans	ton	430.00	442.00	1,080.00	1,120.00
Snap beans	ton	151.00	157.00	404.00	412.00
Spinach	ton	114.00	107.00	234.00	243.00
Sweet corn	ton	68.00	70.40	171.00	176.00
Tomatoes	ton	58.20	58.70	149.00	151.00
Livestock and livestock products:					
All beef cattle	cwt	66.50	79.70	154.00	158.00
Cows	cwt	37.30	42.90	.....	.....
Steers and heifers	cwt	70.10	84.20	.....	.....
Calves	cwt	96.40	102.00	205.00	213.00
Beeswax	pound	.....	.....	4.70	4.87
Chickens:					
Excluding broilers, live	pound	0.048	0.048	.....	.....
Broilers, live ²⁰	pound	0.305	0.346	.....	.....
All Eggs	dozen	0.589	0.731	1.51	1.56
Hogs	cwt	33.40	37.20	99.80	101.00
Lambs	cwt	73.80	94.40	174.00	182.00
Milk cows ¹⁷	head	1,600.00	1,340.00	.....	.....
Sheep	cwt	27.90	34.90	73.80	77.80
Turkeys, live	pound	0.365	0.360	0.940	0.969

¹Marketing year average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing State prices by quantities sold, or by production for those commodities for which virtually all the production is sold. ²Preliminary. ³Parity prices are for January of the year shown as published in the January issue of Agricultural Prices. ⁴Previous year. ⁵Average local market price for wool sold excluding incentive payment. ⁶Average local market price for mohair sold excluding incentive payment. Texas only prior to 1988. ⁷Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. Thus the prices shown for 1996 relate to the citrus crop designated as 1996-97 in the production reports. ⁸Equivalent packinghouse-door returns for California, Oregon (pears only), Washington, and New York (apples only), and prices as sold for other States. ⁹Equivalent returns at processing plant-door. ¹⁰Equivalent returns at packinghouse-door. ¹¹Weighted average of co-op and independent sales. Co-op prices represent pool proceeds excluding returns from non-cranberry products and before deductions for capital stock and other retains. ¹²Equivalent per unit returns for bulk fruit at first delivery point. ¹³Average price as sold. ¹⁴FOB shipping point when available. Weighted average of prices at points of first sale when FOB shipping point price not available. ¹⁵Prices are in-shell basis except almonds which are shelled basis. ¹⁶Includes some processing. ¹⁷Simple average of States weighted by estimated Jan. 1 head for U.S. average. ¹⁸Sold by farmers directly to consumers. ¹⁹Prices for fresh and processing breakdown no longer published to avoid disclosure of individual operations. ²⁰Live weight equivalent price. ²¹Discontinued.

NASS, Environmental, Economics, and Demographics Branch (202) 720-6146.

Table 9-31.—Producer prices: Index numbers, by groups of commodities, United States, 1995–2004
[1982=100]

Year	Total finished goods	Consumer foods	Total consumer goods	Total intermediate materials	Total crude materials
1995	127.9	129.0	125.6	124.9	102.7
1996	131.3	133.6	129.5	125.7	113.8
1997	131.8	134.5	130.2	125.6	111.1
1998	130.7	134.3	128.9	123.0	96.8
1999	133.0	135.1	132.0	123.2	98.2
2000	138.0	137.2	138.2	129.2	120.6
2001	140.7	141.3	141.5	129.7	121.0
2002	138.9	140.1	139.4	127.8	108.1
2003	143.3	145.9	145.3	133.7	135.3
2004 ¹	148.5	152.6	151.6	142.5	159.0

¹ Preliminary.

ERS, Food Marketing Branch, (202) 694–5349. Compiled from reports of the U.S. Department of Labor.

Table 9-32.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1995–2004¹
[1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts ²	Commercial vegetables	Other crops
1995	426	400	653	1,559	568	680	806	525
1996	497	521	626	1,592	700	824	740	532
1997	406	418	573	1,570	715	770	792	532
1998	328	356	546	1,572	588	777	818	532
1999	287	307	436	1,536	452	803	736	532
2000	272	308	421	1,614	467	682	807	541
2001	290	325	328	1,614	437	761	888	554
2002	331	356	284	1,641	480	734	914	561
2003	343	371	437	1,612	585	739	922	564
2004 ⁴	380	391	463	1,418	731	836	916	569

Year	Potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Parity ratio ³
1995	541	553	868	783	300	707	646	44
1996	576	624	882	914	337	761	712	47
1997	457	568	933	820	319	755	678	43
1998	500	526	804	953	328	740	644	42
1999	507	476	840	882	310	731	607	40
2000	472	473	955	757	299	744	611	38
2001	497	490	989	920	323	812	650	40
2002	652	517	884	744	265	691	620	38
2003	527	547	1,043	769	310	789	677	40
2004 ⁴	517	576	1,180	985	373	934	758	43

¹ These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988–92. Then, the 1990–92 indexes are adjusted to a 1910–14 reference. ² Fresh market for noncitrus, and fresh market and processing for citrus. ³ Ratio of Index of Prices Received to the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates. ⁴ Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-33.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1995–2004¹
(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts ²	Commercial vegetables	Other Crops
1995	134	112	127	103	104	97	121	106
1996	157	146	122	105	128	118	111	108
1997	128	117	112	104	131	110	118	108
1998	103	100	107	104	107	111	123	108
1999	91	86	85	102	83	115	110	108
2000	85	86	82	107	85	98	121	110
2001	91	91	64	107	80	109	133	112
2002	104	100	56	108	88	105	137	114
2003	108	104	85	107	107	106	138	114
2004 ⁴	120	109	91	98	134	120	137	115

Year	Potatoes and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and live-stock products	All farm products	Ratio ³
1995	107	112	85	98	107	92	102	93
1996	114	127	87	114	120	99	112	98
1997	90	115	92	102	113	98	107	90
1998	99	107	79	119	117	97	101	89
1999	100	97	83	110	110	95	96	83
2000	93	96	94	94	106	97	96	80
2001	98	99	97	115	115	106	102	83
2002	129	105	87	93	94	90	98	79
2003	104	111	103	96	110	103	107	84
2004 ⁴	102	117	116	123	133	122	119	90

¹ These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5-year period. For example, 1994 indexes use quantities sold for the period 1988–92. ² Fresh market for noncitrus, and fresh market and processing for citrus. ³ Ratio of Index of Prices Received (1990–92=100) to Index of Prices Paid by Farmers for Commodities & Services, Interest, Taxes, and Wage Rates (1990–92=100). ⁴ Preliminary.

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Table 9-34.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1995–2004
(1990–92=100)

Production indexes									
Year	Production (all commodities)	Feed	Livestock & Poultry	Seeds	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
1995	108	103	82	110	121	116	89	112	115
1996	115	129	75	115	125	119	102	115	117
1997	119	125	94	119	121	121	106	118	119
1998	113	111	88	122	112	122	84	119	119
1999	111	100	95	122	105	121	93	121	119
2000	116	102	110	124	110	120	134	124	119
2001	120	109	111	132	123	121	119	128	118
2002	119	112	102	142	108	119	112	131	116
2003	124	114	109	154	124	121	140	134	115
2004 ⁴	131	118	128	158	138	120	163	137	114

Production indexes - continued					Interest	Taxes	Wage rates ²	Production, interest, taxes, and wage rates	Family living	Commodities, interest, taxes, and wage rates ³
Year	Farm machinery	Building Materials	Farm services ¹	Rent						
1995	120	114	115	117	102	109	114	108	113	109
1996	125	115	116	128	106	112	117	115	116	115
1997	128	118	116	136	105	115	123	118	119	118
1998	132	118	115	120	104	119	129	114	121	115
1999	135	120	116	113	106	120	135	113	124	115
2000	139	121	119	110	113	123	140	118	128	120
2001	144	121	121	117	109	124	146	122	131	123
2002	148	122	120	119	104	126	153	121	133	124
2003	151	124	123	120	102	128	157	126	136	128
2004 ⁴	162	134	124	120	103	130	161	132	140	133

¹ The Farm Service and Rent indexes were combined prior to 1992. ² Simple average of seasonally adjusted quarterly indexes. ³ Family Living component included. ⁴ Preliminary.

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Table 9-35.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1995–2004¹
[1910–14=100]

Year	Family living	Production indexes							
		Production (all commodities)	Feed	Livestock and poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and repairs
1995	1,447	1,051	502	1,047	1,088	444	717	690	798
1996	1,490	1,118	631	962	1,143	458	736	789	816
1997	1,525	1,151	612	1,200	1,180	443	745	816	835
1998	1,548	1,092	539	1,123	1,209	412	756	646	846
1999	1,582	1,078	486	1,217	1,201	385	746	720	862
2000	1,636	1,124	497	1,402	1,228	404	741	1,033	881
2001	1,682	1,161	530	1,419	1,306	451	745	915	906
2002	1,709	1,155	547	1,306	1,402	394	738	866	927
2003	1,747	1,203	554	1,395	1,521	454	747	1,083	949
2004 ³	1,794	1,268	574	1,643	1,561	507	749	1,254	974

Year	Production indexes—Continued				Interest	Taxes	Wage rates	Production, interest, taxes, and wage rates ²	Commodities, interest, taxes, and wage rates ²
	Autos and trucks	Farm machinery	Building materials	Farm services and rent					
1995	3,053	3,009	1,553	1,384	2,548	2,915	4,278	1,456	1,454
1996	3,126	3,128	1,569	1,442	2,652	3,001	4,389	1,540	1,531
1997	3,161	3,216	1,602	1,477	2,621	3,093	4,591	1,585	1,574
1998	3,152	3,313	1,605	1,394	2,617	3,185	4,838	1,528	1,532
1999	3,166	3,393	1,628	1,364	2,663	3,214	5,037	1,520	1,531
2000	3,160	3,490	1,647	1,374	2,825	3,281	5,236	1,585	1,594
2001	3,141	3,602	1,646	1,422	2,738	3,330	5,468	1,633	1,642
2002	3,082	3,704	1,654	1,426	2,614	3,378	5,705	1,631	1,645
2003	3,044	3,789	1,679	1,447	2,560	3,426	5,885	1,691	1,701
2004 ³	3,022	4,065	1,817	1,459	2,593	3,474	6,032	1,772	1,776

¹Based on Consumer Price Index-Urban of Bureau of Labor Statistics. ²The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910–14=100 base. ³Preliminary.

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Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2002–2004¹

Commodity	Unit	2002	2003	2004
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fuels and energy:				
Diesel fuel ^{2 3}	Gal	0.964	1.238	1.310
Gasoline, service station, unleaded ⁴	Gal	1.359	1.611	1.750
Gasoline, service station, bulk delivery ⁴	Gal	1.374	1.601	1.760
L. P. gas, bulk delivery ²	Gal	0.925	1.213	1.210
Feeds:				
Alfalfa Meal	Cwt	14.40	15.00	14.90
Alfalfa Pellets	Cwt	14.40	15.30	15.20
Bran	Cwt	13.60	13.70	14.80
Beef Cattle Concentrate.				
32-36% Protein	Ton	377	290	342
Corn Meal	Cwt	8.06	9.90	9.84
Cottonseed Meal, 41%	Cwt	15.80	16.60	18.40
Dairy Feed				
14% Protein	Ton	175	183	200
16% Protein	Ton	190	200	218
18% Protein	Ton	194	207	229
20% Protein	Ton	191	201	233
32% Protein Conc.	Ton	298	311	381
Hog Feed				
14-18% Protein	Ton	216	223	256
38-42% Protein Conc.	Ton	307	322	415
Molasses, Liquid	Cwt	12.90	13.30	14.20
Poultry Feed:				
Broiler Grower	Ton	259	234	278
Chick Starter	Ton	240	241	299
Laying Feed	Ton	225	232	249
Turkey Grower	Ton	264	279	315
Soybean Meal, 44%	Cwt	13.50	14.50	19.60
Stock Salt	50 Lb	4.12	4.30	4.53
Trace Mineral Blocks	50 Lb	5.24	5.40	5.53

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2002–2004¹—Continued

Commodity	Unit	2002	2003	2004
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fertilizer: ⁵				
0-15-40	Ton	178	195	217
0-18-36	Ton	175	188	208
0-20-20	Ton	193	200	220
3-10-30	Ton	172	171	186
5-10-10	Ton	146	161	165
5-10-15	Ton	165	179	186
5-10-30	Ton	182	187	209
5-20-20	Ton	182	191	207
6- 6- 6	Ton	224	205	203
6- 6-18	Ton	207	212	223
6-12-12	Ton	156	169	209
6-24-24	Ton	214	227	248
8- 8- 8	Ton	166	179	194
8-20- 5	Ton	224	235	258
8-32-16	Ton	229	241	257
9-23-30	Ton	195	212	228
10- 3- 3	Ton	.....	.....	.....
10- 6- 4	Ton	166	167	186
10-10-10	Ton	174	186	202
10-20-10	Ton	194	207	226
10-20-20	Ton	209	218	241
10-34- 0	Ton	238	255	261
11-52- 0	Ton	246	266	288
13-13-13	Ton	201	212	229
15-15-15	Ton	223	235	257
16- 0-13	Ton	161	185	195
16- 4- 8	Ton	235	239	249
16- 6-12	Ton	186	187	214
16-16-16	Ton	292	315	301
16-20- 0	Ton	243	253	263
17-17-17	Ton	212	229	251
18-46- 0 (DAP)	Ton	227	250	276
19-19-19	Ton	207	237	256
24- 8- 0	Ton	167	188	209
Ammonium Nitrate	Ton	195	243	263
Anhydrous Ammonia	Ton	250	373	379
Aqua Ammonia	Ton	104	130	132
Limestone, Spread on field	Ton	19.00	19.40	21.10
Muriate of Potash, 60–62% K ₂ O	Ton	164	165	181
Nitrate of Soda	Ton	282	278	308
Nitrogen Solutions.				
28% N	Ton	135	166	179
30% N	Ton	127	161	178
32% N	Ton	148	184	197
Sulfate of Ammonia	Ton	187	195	205
Superphosphate, 44-46% P ₂ O ₅	Ton	221	243	266
Urea, 44-46% Nitrogen	Ton	191	261	276
Farm Machinery:				
Baler, Pick-Up, Automatic Tie, P.T.O.				
Square Conventional, Under 200 Lb Bales	Each	16,800	17,300	17,400
Round, 1200-1500 Lb Bale	Each	17,900	18,300	19,500
Round, 1900-2200 Lb Bale	Each	25,200	25,600	27,000
Chisel Plow, Maximum 1 Foot Depth of Tillage, Chisel or Sweep Type, Drawn or Mounted, 16-20 Foot	Each	13,400	13,100	15,300
Combine, Self Propelled with Grain head				
Extra-large capacity	Each	187,000	196,000	218,000
Large capacity	Each	156,000	159,000	180,000
Corn Head for combine				
6 Row	Each	25,700	25,900	27,400
8 Row	Each	33,200	33,900	35,900
Cotton Picker, Self Propelled, with sprindle, 4-Row	Each	225,000	216,000	237,090
Cultivator, Row Crop				
6-Row	Each	5,990	6,330	6,920
12-Row, Flexible	Each	13,900	13,700	15,300
Disk Harrow, Tandem, Drawn ⁷				
15-17 Foot	Each	14,300	15,200	14,300
18-20 foot	Each	18,500	19,300	19,400

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2002–2004¹—Continued

Commodity	Unit	2002	2003	2004
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Elevator, Portable, Without Power Unit,				
Auger Type, 8 Inch Diameter, 60 Foot	Each	4,020	4,180	4,130
Feed Grinder-Mixer, Trailer Mtd., P.T.O.	Each	14,900	15,600	16,800
Field Cultivator, Mounted or Drawn				
17-19 Foot	Each	11,000	11,600	12,400
20-25 Foot, Flexible	Each	15,900	15,900	17,500
Forage Harvester, P.T.O., Shear Bar,				
With Pick-Up Attachment	Each	30,100	31,600	32,700
With Row Crop Unit, 2-Row	Each	32,800	35,900	35,000
Forage Harvester, Self-propelled, Shear Bar				
With 4-6 row	Each	237,000	232,000	242,000
Front-End Loader, Hydraulic, Tractor Mounted				
1800-2500 Lb. Capacity, 60 Inch Bucket	Each	4,990	5,000	5,150
Grain Drill, Most Common Spacing				
Plain, 15-17 Openers	Each	14,000	14,000	14,500
Press, 23-25 Openers	Each	23,100	20,300	22,600
With Fertilizer Attachment, 20-24 Openers	Each	18,600	18,600	19,800
Min/No-Till W/Fert. Attach., 15 Foot	Each	28,100	27,600	29,400
Hayrake, Side-Delivery, or Wheel Rake,				
Traction Drive, 8-12 Foot Working Width	Each	5,020	5,200	5,380
Hay Tedder, 15-18 Foot	Each	4,830	4,900	5,130
Manure Spreader, Conveyor Type, P.T.O.,				
2-Wheel, with Tires.				
141-190 Bushel Capacity	Each	6,760	6,760	7,210
225-300 Bushel Capacity	Each	9,950	10,100	10,900
Mower-Conditioner, P.T.O., Pull Type, with				
8-10 Foot, Sickle (Cutter) Bar or Disc	Each	13,700	14,400	14,800
14-16 Foot, Sickle (Cutter) Bar or Disc	Each	21,800	22,700	23,000
Mower, Mounted or Drawn,				
7-8 ft Sickle (Cutter) Bar	Each	4,840	4,980	5,040
13-14 Foot, Sickle (Cutter) Bar or Disc	Each	16,100	14,000	15,400
Planter, Row Crop				
With Fertilizer Attachment, 4-Row	Each	15,100	15,200	16,100
With Fertilizer Attachment, 8-Row	Each	29,000	30,000	32,000
With Fertilizer Attachment, 24-Row	Each	97,600	95,700	102,000
12-Row Conservation (No-Till Cond), w/Fert	Each	50,400	52,400	53,100
Rotary Hoe, 20-25 Foot	Each	6,490	6,610	6,770
Rotary Cutter, 7-8 Foot	Each	3,240	3,130	3,480
Sprayer, Field Crop, Power, Boom Type				
(Excl. Self-Propelled and Orchard).				
Tractor Mounted, w/ 300 Gal. Spray Tank	Each	5,460	5,890	5,850
Trailer Type, w/ 500-700 Gal. Spray Tank	Each	12,000	13,100	13,300
Tractor, 2-Wheel Drive				
30-39 P.T.O. horsepower	Each	16,400	16,000	16,100
50-59 P.T.O. horsepower	Each	21,900	21,300	21,500
70-89 P.T.O. horsepower	Each	34,500	33,600	33,900
110 - 129 P.T.O. horsepower	Each	63,700	63,800	65,700
140 - 159 P.T.O. horsepower	Each	83,200	84,100	86,900
190 - 220 P.T.O. horsepower	Each	118,000	116,000	121,000
Tractor, 4-Wheel Drive				
200 - 280 P.T.O. horsepower	Each	132,000	133,000	141,000
Wagon, Gravity Unload, W/Box and Running				
Gear, and Tires,				
200-400 Bushel Capacity				
Without Side Extensions	Each	4,320	4,200	4,570
Wagon, Running Gear, W/O Box				
8-10 Ton Capacity	Each	1,730	1,720	1,810
Windrower, Self-Propelled,				
14-16 Foot	Each	62,900	64,200	67,300
Agricultural Chemicals: ⁸				
Fungicides:				
Basic Copper Sulfate, 53% WP	Lb	1.16	1.20	1.30
Benomyl (Benlate), 50% WP	Lb	18.40	18.50	18.60
Calcium Polysulfide (Lime Sulfur) Liq.Conc	Gal	8.36	7.90	7.95
Captan 50% WP	Lb	3.76	3.50	3.52
Chlorothalonil (Bravo), 6#/Gal EC	Gal	49.70	47.20	47.40
Copper Hydroxide (Kocide 101), 77% WP	Lb	2.62	2.50	2.62
Dodine (Cyprex), 65% WP	Lb	11.50	11.60	11.70
Fenarimol (Rubigan), 1#/Gal EC	Gal	320	308	319
Ferbam (Carbamate), 76% WP	Lb	4.25	4.20	4.12
Fosetyl-AL (Aliette), 80% WP	Lb	12.60	12.60	12.10
Iprodione (Rovral), 50% WP	Lb	24.10	24.50	24.10
Mancozeb (Dithane 80% WP, Manzate 75% DF)	Lb	2.95	3.00	3.03
Maneb, 80% WP, 75% DF	Lb	3.20	2.70	2.76
Metalaxyl (Ridomil), 2#/Gal EC	Gal	183	191	223
Myclobutanil (Systhane, Nova, Rally), 40% WP	Lb	67.90	68.10	70.00
Oxytetracycline (Mycoshield), 17% WP	Lb	22.00	24.90	27.60
Sulfur, 95% WP	Lb	0.330	0.318	0.343
Triforine (Funginex), 1.6#/Gal EC	Gal	98.50	106	100
Triadimefon (Bayleton), 50% WP	Lb	70.00	70.70	70.70
Ziram, 76% WP	Lb	2.82	2.70	2.67

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 2002–2004¹—Continued

Commodity	Unit	2002	2003	2004
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fumigants:				
Methyl Bromide (Terr-o-gas 98)	Lb	5.31	7.30	6.67
Herbicides:				
2,4-D, 4#/Gal EC	Gal	14.90	15.20	15.20
Acetochlor (Harness, Surpass),				
6.4–7#/Gal EC	Gal	68.10	68.20	71.40
Alachlor (Lasso), 4#/Gal EC	Gal	24.30	24.50	24.50
Atrazine (AAtrex), 4#/Gal L	Gal	12.20	12.30	12.20
Bentazon (Basagran), 4#/Gal EC	Gal	83.20	83.70	84.20
Butylate (Sutan), 6.7#/Gal EC	Gal	23.60	23.30	26.80
Chlorimuron-ethyl (Classic), 25% DF	Oz	12.40	12.80	13.30
Chlorsulfuron (Glean), 75%	Oz	18.70	18.40	18.00
Cyanazine (Bladex), 4#/Gal EC	Gal	33.00	32.90	32.90
DCPA (Dacthal), 75% WP	Lb	14.00	13.80	15.10
Dicamba (Banvel), 4#/Gal EC	Gal	92.10	92.50	91.00
Diuron (Karmex, Diurex), 80% WP	Lb	4.90	4.90	4.93
EPTC (Eptan), 7E-(Eradicane), 6.7#/Gal EC	Gal	33.70	35.60	37.90
Glyphosate (Roundup), 4#/Gal EC	Gal	43.50	43.30	39.70
Linuron (Lorox, Linex), 50% DF	Lb	11.90	12.50	14.30
MCPA, 4#/Gal, EC	Gal	17.10	17.70	17.60
Metolachlor (Dual), 8#/Gal EC	Gal	99.00	104.00	106.00
Metribuzin (Lexone or Sencor), 75% DF	Lb	20.10	20.80	21.70
MSMA (Super Arsonade), 4-6# Gal EC	Gal	21.60	21.20	19.10
Napropamide (Devrinol), 50% WP	Lb	9.40	9.10	9.49
Paraquat (Gramoxone Extra), 2.5#/Gal EC	Lb	37.60	40.70	42.40
Pendimethalin (Prowl), 3.3#/Gal EC	Gal	22.10	22.70	23.10
Sethoxydim (Poast), 1.5#/Gal EC	Gal	74.60	73.90	72.80
Simazine (Princep), 4#/Gal EC	Gal	17.60	18.00	17.60
Terbacil (Sinbar), 80% WP	Lb	32.70	32.60	32.50
Trifluralin (Treflan), 4#/Gal EC	Gal	24.40	24.40	23.10
Insecticides:				
Acephate (Orthene), 75% SP	Lb	12.60	12.90	12.70
Aldicarb (Temik), 15% G	Lb	3.70	3.80	3.74
Azinphos-methyl (Guthion), 50% WP	Lb	10.60	10.60	10.70
Bt (Dipel 2X), WP	Lb	12.20	12.30	11.90
Carbaryl, (Sevin), 80% S, SP or WP	Lb	5.41	5.50	5.85
Carbofuran (Furadan), 4F	Gal	77.80	79.30	80.60
Chlorpyrifos (Lorsban), 4#/Gal EC	Gal	41.60	41.30	41.30
Cyfluthrin (Baythroid) 2#/Gal EC	Gal	397	388	362
Cypermethrin, (Ammo 2.5-Cymbush 3#G)EC	Gal	196	180	162
Diazinon, 4#/Gal EC	Gal	36.10	38.00	36.70
Dicofol (Kelthane), 35% WP	Lb	13.10	12.50	14.00
Dicrotophos (Bidrin), 8#/Gal EC	Gal	91.00	90.90	92.60
Dimethoate (Cygon), 2.67#/Gal EC	Gal	36.60	36.90	37.10
Disulfoton (Di-Syston), 8#/Gal EC	Gal	87.60	91.70	94.70
Endosulfon (Thiodan, Phaser), 3#/Gal EC	Gal	33.70	34.20	33.00
Esfenvalerate (Asana XL), 0.66#/Gal EC	Gal	107	103	102
Ethion 4#/Gal EC	Gal	39.30	41.60	36.30
Fonofos (Dyfonate II), 20% G	Lb	1.29	3.20	2.03
Imidacloprid (Admire, Provado), ..				
1.6–2#/Gal EC	Gal	575	573	578
Malathion, 5#/Gal EC	Gal	28.40	28.50	29.60
Methidathion (Supracide), 25% WP	Lb	7.20	7.50	7.03
Methomyl (Lannate) L, 1.81 #/Gal Liq.	Gal	51.90	55.60	52.60
Methyl Parathion, 4#/Gal EC	Gal	32.00	31.80	32.80
Oil, Superior Oil, Supreme, Volck	Gal	5.82	5.60	5.87
Oxamyl (Vydate-L), 2# L	Gal	68.80	69.80	68.90
Oxydemeton-Methyl (Metasystox-R), ..				
2#/Gal EC	Gal	76.00	76.10	84.30
Oxythioquinox (Morestan), 25% WP	Lb	20.30	21.90	20.10
Phorate (Thimet), 20% G	Lb	2.45	2.40	2.48
Phosmet (Imidan, Prolate), 50% WP	Lb	7.30	7.40	7.45
Propargite (Comite, Omite), 30% WP	Lb	6.26	6.60	6.43
Synthetic Pyrethroids, ..				
(Pounce 2.0, Ambush 3.2 #/Gal) EC	Gal	136	133	130
Terbufos (Counter), 15% G	Lb	2.72	2.70	2.67
Zeta-Cypermethrin (Fury), 1.5#/Gal EC	Gal	195	202	204
Other:				
Gibberellic Acid, (Ry3Up, Pro-Gibb) 4.0# L	Gal	164	173	174
Nad Naphthalene Acetamide, 8.4 WP	Lb	63.70	65.80	65.40

¹Prices paid by farmers are collected, for the most part, from retail establishments located in smaller cities and towns in rural areas. Prior to 1995, recorded prices reflected a modified annual average based on frequency item was surveyed during the year. Recorded item values, 1995-99, are the U.S. April average price. ²Includes Federal, State, and local per gallon taxes where applicable. ³Excludes Federal excise tax. ⁴Includes Federal, State, and local per gallon taxes. ⁵Excludes cost of application, except for limestone. ⁶Discontinued in 2000. ⁷With hydraulic lift, transport wheels, and tires. ⁸Formulation abbreviations: EC—Emulsifiable Concentrate, DF—Dry Flowable, DG—Dry Granular, G—Granular, L—Liquid, S—Solution, SP—Soluble Powder, and WP—Wettable Powder.

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Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1995–2004^{1 2}

Commodity and unit		1995	1996	1997	1998	1999
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Basic commodities:						
Corn:						
Target price	Bushel ...	2.75	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	1.89	1.89	1.89	1.89	1.89
Cotton:						
American upland: ³						
Target price	Pound	0.7290	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.5192	0.5192	0.5192	0.5192	0.5192
Extra-long staple:						
Target price	do	0.9560	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.7965	0.7965	0.7965	0.7965	0.7965
Peanuts: ⁴						
Target price	do .....	.....	.....	.....	.....	.....
Loan rate	do	0.3392	0.3050	0.3050	0.3050	0.3050
Rice:						
Target price	Cwt.	10.71	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel ...	4.00	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	2.58	2.58	2.58	2.58	2.58
Tobacco:						
Flue-cured, types 11-14	Pound	1.597	1.601	1.621	1.628	1.632
Fire-cured, type 21	do	1.430	1.455	1.498	1.536	1.559
Fire-cured, types 22-23	do	1.518	1.557	1.623	1.681	1.716
Burley, type 31	do	1.725	1.737	1.760	1.778	1.789
Dark air-cured, types 35-36	do	1.304	1.339	1.398	1.450	1.481
Virginia sun-cured, type 37	do	1.265	1.288	1.326	1.360	1.380
Cigar filler, Puerto Rican, type 46	do	0.861	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Ohio filler and Wisconsin binder, types 42-44 and 53-55	do	1.101	1.120	1.169	1,212	1,238
Barley: ⁶						
Target price	Bushel ...	2.36	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	1.54	1.55	1.57	1.56	1.59
Sorghum grain: ⁶						
Target price	Cwt.	4.66	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	3.21	3.23	3.14	3.11	3.11
Oats: ⁶						
Target price	Bushel ...	1.45	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.97	1.03	1.11	1.11	1.13
Rye: ⁶						
Target price	do	1.61	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Nonbasic commodities:						
Beans, dry edible	Cwt.	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Cottonseed	Ton	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Minor oilseeds ⁷ :						
Target price	do .....	.....	.....	.....	.....	.....
Loan rate	do	0.087	0.0891	0.0930	9.30	9.30
Soybeans:						
Target price	Bushel ...	.....	.....	.....	.....	.....
Loan rate	do	4.92	4.99	5.26	5.26	5.26
Dry Peas						
Sugar, raw	Cwt. ....	.....	.....	.....	.....	.....
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	10.10	⁽¹⁰⁾ 10.05	⁽¹³⁾ 10.20	⁽¹⁴⁾ 10.05	⁽¹⁵⁾ 9.90
Honey, extracted	Pound	0.500	⁽¹¹⁾	⁽¹¹⁾	⁽¹¹⁾	0.59
Mohair	do	4.657	⁽¹²⁾	⁽¹²⁾	⁽¹²⁾	2.00
Wool	Pound	2.12	⁽¹²⁾	⁽¹²⁾	⁽¹²⁾	⁽¹²⁾

See footnotes at end of table.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1995–2004 ^{1 2}—Continued

Commodity	Unit	2000	2001	2002	2003	2004
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Basic commodities:						
Corn:						
Target price	Bushel	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 2.60	2.60	0.63
Loan rate	do	1.89	1.89	1.98	1.98	1.95
Cotton:						
American upland: ³						
Target price	Pound	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 0.742	0.7420	0.7420
Loan rate	do	0.5192	0.5192	0.5200	0.5200	0.5200
Extra-long staple:						
Target price	do	⁽⁹⁾	⁽⁹⁾
Loan rate	do	0.7965	0.7965	0.7977	0.7977	0.7977
Peanuts: ⁴						
Target price	do	.....	.....	0.2475	0.2475	0.2475
Loan rate	do	0.3050	0.3050	0.1775	0.1775	0.1775
Rice:						
Target price	Cwt.	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 10.50	10.50	10.50
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 3.86	⁽¹⁶⁾ 3.86	⁽¹⁶⁾ 3.92
Loan rate	do	2.58	2.58	2.80	2.80	2.72
Tobacco:						
Flue-cured, types 11-14	Pound	1.640	1.660	1.656	.....	.....
Fire-cured, type 21	do	1.559	1.572	1.603	.....	.....
Fire-cured, types 22-23	do	1.716	1.736	1.767	.....	.....
Burley, type 31	do	1.805	1.826	1.835	.....	.....
Dark air-cured, types 35-36	do	1.481	1.499	1.526	.....	.....
Virginia sun-cured, type 37	do	1.380	1.392	1.429	.....	.....
Cigar filler, Puerto Rican, type 46	do	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Ohio filler and Wisconsin binder, types 42-44 and 53-55	do	1.238	1.252	1.286	.....	.....
Barley: ⁶						
Target price	Bushel	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 2.21	⁽¹⁶⁾ 2.21	2.24
Loan rate	do	1.62	1.65	1.88	1.88	1.85
Sorghum grain: ⁶						
Target price	Cwt.	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 4.54	⁽¹⁶⁾ 4.54	4.59
Loan rate	do	3.05	3.05	3.54	3.54	3.48
Oats: ⁶						
Target price	Bushel	⁽⁹⁾	⁽⁹⁾	⁽¹⁶⁾ 1.40	⁽¹⁶⁾ 1.40	⁽¹⁶⁾ 1.44
Loan rate	do	1.16	1.21	1.35	1.35	1.33
Rye: ⁶	do	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Nonbasic commodities:						
Beans, dry edible	Cwt.	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Cottonseed	Ton	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾	⁽⁸⁾
Other oilseeds ⁷ :						
Target price	do	⁽¹⁶⁾ 9.80	⁽¹⁶⁾ 9.80	⁽¹⁶⁾ 10.10
Loan rate	do	9.30	9.30	9.60	9.60	9.30
Soybeans:						
Target price	Bushel	⁽¹⁶⁾ 5.80	⁽¹⁶⁾ 5.80	⁽¹⁶⁾ 5.90
Loan rate	do	5.26	5.26	5.00	5.00	5.00
Dry peas	Cwt.	⁽¹⁶⁾ 6.33	⁽¹⁶⁾ 6.33	⁽¹⁶⁾ 6.22
Small chick peas	do	⁽¹⁶⁾ 7.56	⁽¹⁶⁾ 7.56	⁽¹⁶⁾ 7.43
Lentils	do	⁽¹⁶⁾ 11.94	⁽¹⁶⁾ 11.94	⁽¹⁶⁾ 11.74
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	9.90	9.90	9.90	9.90	9.90
Honey, extracted	Pound	0.59	⁽¹⁸⁾ 0.65	0.60	0.60	0.60
Mohair	do	2.00	⁽¹⁷⁾ 4.20	⁽¹⁷⁾ 4.20	⁽¹⁷⁾ 4.20
Wool	Pound	⁽¹²⁾	⁽¹²⁾	⁽¹⁷⁾ 0.40	⁽¹⁷⁾ 1.00	⁽¹⁷⁾ 1.00

¹ National averages during the marketing years for the individual crops, beginning in the years shown. ² The target price is known in the statute as the "established price". ³ 1¹/₁₆ strict low middling, micronaire 3.5 through 4.9. ⁴ For quota portion of crop (1993 through 2001). Enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act) repealed the peanut quota marketing program; and established payment rates for the 2002/2003 and subsequent crops according to the provisions of the Direct Payment Program. ⁵ Grade No. 2 or better except for oats which is Grade No. 3. ⁶ The rye price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. Rye was not reestablished with the 2002 Act. ⁷ Includes flaxseed, sunflower seed (oil and other), safflower, rapeseed (industrial), canola, mustard seed and canola and sesame. ⁸ No support program. ⁹ The Federal Agriculture Improvement and Reform Act of 1996 replaced the deficiency payment/production adjustment programs for the program crops with a Production Flexibility Contract program, making target prices no longer applicable beginning with the 1996/97 marketing year. ¹⁰ As of January 1, 1996. ¹¹ The honey price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. ¹² The wool and mohair support programs terminated as of December 31, 1995, as required by Public Law 103-130. ¹³ As of January 1, 1997. ¹⁴ As of January 1, 1998. ¹⁵ As of January 1, 1999. ¹⁶ The Farm Security and Rural Investment Act of 2002 (2002 Act) reestablished target prices, now including soybeans and other oilseeds. The 2002 Act also established, for the first time, loan rates for dry peas, small chickpeas and lentils under the marketing loan program. ¹⁷ Wool and mohair programs were reestablished following enactment of the Farm Security and Rural Investment Act of 2002 (2002 Act). First wool number is for ungraded/second is graded.

FSA, Economic Policy and Analysis Staff, (202) 720-3451.

Table 9-38.—Farm income: Cash receipts by commodity groups and selected commodities, United States, 1996–2003¹

Commodity	1996	1997	1998	1999
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
All commodities	199,431,778	207,905,926	196,403,887	187,740,463
Livestock and products	92,948,988	96,472,345	94,198,829	95,663,344
Cattle and calves	30,976,868	35,999,622	33,442,848	36,568,558
Hogs	12,565,187	13,053,680	9,485,547	8,624,295
Sheep and lambs	612,170	632,602	477,794	467,022
Dairy products	22,785,017	20,940,261	24,105,134	23,189,113
Broilers	13,904,023	14,158,926	15,146,560	15,127,787
Farm chickens	59,043	71,219	79,045	74,104
Chicken eggs	4,776,255	4,539,929	4,439,446	4,287,164
Turkeys	3,045,718	2,814,997	2,620,452	2,750,870
Miscellaneous livestock	3,554,571	3,586,490	3,719,580	3,897,360

Commodity	2000	2001	2002	2003
All commodities	192,078,232	200,075,232	195,073,302	211,646,847
Livestock and products	99,584,595	106,658,854	93,815,783	105,470,948
Cattle and calves	40,783,474	40,540,660	38,095,143	45,094,877
Hogs	11,757,943	12,394,562	9,602,110	10,629,007
Sheep and lambs	470,136	396,586	420,633	496,015
Dairy products	20,586,629	24,685,667	20,582,238	21,227,695
Broilers	13,989,424	16,694,515	13,437,700	15,214,234
Farm chickens	63,704	46,516	49,836	47,636
Chicken eggs	4,346,146	4,446,335	4,281,420	5,315,311
Turkeys	2,771,109	2,735,961	2,643,036	2,652,369
Miscellaneous livestock	4,132,359	4,008,396	4,022,314	4,111,227

Commodity	1996	1997	1998	1999
Crops	106,482,790	111,433,581	102,205,058	92,077,119
Food grains	10,795,279	10,410,552	8,808,374	6,950,305
Feed crops	27,235,411	27,086,775	22,578,380	19,508,501
Cotton	6,983,125	6,345,803	6,072,960	4,630,256
Tobacco	2,796,016	2,873,023	2,804,984	2,274,922
Oil crops	16,344,700	19,758,300	17,371,715	13,355,150
Vegetables	14,410,671	14,668,839	15,015,605	15,013,441
Fruits/nuts	11,848,590	13,076,920	11,979,514	11,984,130
All other crops	16,068,998	17,213,369	17,573,526	18,360,413

Commodity	2000	2001	2002	2003
Crops	92,493,637	93,416,378	101,257,519	106,175,899
Food grains	6,544,130	6,422,083	6,851,992	7,969,833
Feed crops	20,498,636	21,418,354	24,079,326	24,325,944
Cotton	2,949,649	3,639,446	3,418,096	5,024,585
Tobacco	2,315,779	1,894,346	1,742,197	1,550,902
Oil crops	13,478,114	13,337,865	15,034,703	17,310,545
Vegetables	15,553,954	15,450,219	17,160,559	16,807,557
Fruits/nuts	12,497,311	11,949,919	12,958,205	13,098,299
All other crops	18,656,066	19,304,146	20,012,441	20,088,234

¹ USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for individual commodities, computed as the sum of the reported States, may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of underestimation in some of the minor commodities can be substantial.

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5592. E-mail contact is rogers@ERS.USDA.gov.

Table 9-39.—Farm income: United States, 1996–2003 ¹

Item	1996	1997	1998	1999
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Total gross farm income	235.8	238.2	232.4	234.5
Value of Production ²	228.5	230.7	220.0	212.9
Crops	115.7	112.6	102.1	92.7
Livestock and products	92.1	96.3	94.1	95.1
Services and forestry	20.7	21.7	23.8	25.1
Direct government payments	7.3	7.5	12.4	21.5
Total production expenses	177.9	186.9	185.9	187.4
Net farm income	57.9	51.3	46.5	47.1
Gross cash income	217.7	227.5	222.7	224.1
Cash expenses	157.8	166.6	165.4	166.4
Net cash income	59.9	60.9	57.3	57.8

Item	2000	2001	2002	2003
Total gross farm income	241.3	248.3	230.7	256.9
Value of production ²	218.4	227.6	219.7	240.9
Crops	94.9	95.1	98.7	108.0
Livestock and product	99.1	106.3	93.3	104.7
Services and forestry	24.4	26.1	27.7	28.2
Direct government payments	22.9	20.7	11.0	15.9
Total production expenses	193.4	197.7	193.4	197.6
Net farm income	47.9	50.6	37.3	59.2
Gross cash income	228.7	235.6	222.0	243.9
Cash expenses	172.0	176.0	171.3	175.4
Net cash income	56.7	59.5	50.7	68.6

¹ Component values and additional details may be found in the value-added and cash income tables on the internet at <http://www.ers.usda.gov/data/farmincome/finfidmu.htm>.

² Includes cash receipts, value of change in inventories, and home consumption.

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5592. E-mail contact is rogers@ERS.USDA.gov

Table 9-40.—Expenses: Farm production expenses, United States, 1996–2003

Item	1996	1997	1998	1999
	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>	<i>Thousand dollars</i>
Total production expenses	177,924,204	186,872,213	185,861,496	187,398,711
Feed purchased	25,236,500	26,334,286	25,032,521	24,503,859
Livestock and poultry purchased	11,293,747	13,820,160	12,588,557	13,763,852
Seed purchased	6,212,427	6,712,046	7,214,359	7,216,791
Fertilizer and lime	10,928,912	10,927,346	10,624,161	9,920,117
Pesticides	8,518,270	9,017,436	9,016,941	8,617,416
Fuel and oil	5,978,944	6,242,613	5,599,085	5,587,766
Electricity	3,163,860	3,043,921	2,908,147	2,986,477
Other ¹	39,083,684	41,764,216	42,832,320	44,056,251
Interest	12,841,491	12,953,440	13,304,710	13,421,454
Contract and hired labor expenses	17,198,130	18,410,252	19,122,508	19,811,775
Net rent to nonoperator landlords ²	13,479,932	13,397,014	13,050,876	12,541,308
Capital consumption	19,123,514	19,314,170	19,636,119	19,879,386
Property taxes	6,556,081	6,657,842	6,724,948	6,807,032

Item	2000	2001	2002	2003
Total production expenses	193,379,870	197,681,247	193,428,574	197,635,573
Feed purchased	24,489,628	24,773,830	24,869,838	26,645,642
Livestock and poultry purchased	15,850,852	15,650,574	14,905,819	16,672,915
Seed purchased	7,519,093	8,221,909	8,924,213	9,277,858
Fertilizer and lime	10,020,012	10,321,889	9,619,305	9,987,347
Pesticides	8,516,355	8,616,315	8,316,338	8,380,731
Fuel and oil	7,205,678	6,904,935	6,757,782	6,824,373
Electricity	2,998,677	3,553,504	3,348,971	3,097,492
Other ¹	42,973,033	45,432,091	44,450,131	43,916,141
Interest	14,413,915	13,192,017	12,579,828	12,757,514
Contract and hired labor expenses	20,641,974	21,896,104	21,712,382	21,369,956
Net rent to nonoperator landlords ²	13,437,492	13,548,997	12,143,922	12,929,642
Capital consumption	20,208,496	20,674,507	20,898,096	20,823,094
Property taxes	6,907,189	6,907,208	6,808,385	6,771,383

¹ Includes repair and maintenance, machine hire and customwork, marketing, storage and transportation, insurance premiums, and miscellaneous other expenses. ² Includes landlord capital consumption.

ERS, Farm Sector Performance and Well-Being Branch, (202) 694-5592. E-mail contact is rogers@ERS.USDA.gov

Table 9-41.—Farm marketings, 2003, government payments, 2003 and principal commodities, 2003, by states.

State	Cash receipts			Government payments	Rank
	Total	Crops	Livestock and Products		
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
AL	3,415,298	676,129	2,739,169	220,086	25-Broilers, cattle/calves, chicken eggs, greenhouse (82%).
AK	50,896	23,316	27,580	2,021	50-Greenhouse, hay, dairy, potatoes (46%).
AZ	2,586,023	1,327,419	1,258,603	134,663	29-Cattle/calves, dairy, lettuce, cotton (66%).
AR	5,298,209	2,083,102	3,215,107	843,675	12-Broilers, soybeans, rice, cotton (69%).
CA	27,804,797	20,811,839	6,992,958	653,657	1-Dairy, greenhouse, grapes, lettuce (41%).
CO	4,964,311	1,288,642	3,675,669	319,967	16-Cattle/calves, dairy, greenhouse, corn (74%).
CT	484,832	320,175	164,657	8,200	43-Greenhouse, dairy, chicken eggs, aquaculture (67%).
DE	760,219	167,557	592,662	18,533	40-Broilers, soybeans, corn, greenhouse (85%).
FL	6,449,583	5,243,767	1,205,816	134,597	9-Greenhouse, oranges, sugar cane, tomatoes (57%).
GA	5,246,328	2,024,456	3,221,872	552,356	13-Broilers, cotton, chicken eggs, peanuts (65%).
HI	549,353	463,539	85,814	1,448	41-Pineapples, greenhouse, sugar cane, macadamia nuts (54%).
ID	3,953,243	1,775,893	2,177,350	152,231	21-Cattle/calves, dairy, potatoes, wheat (74%).
IL	8,289,958	6,490,106	1,799,851	865,813	7-Corn, soybeans, hogs, cattle/calves (88%).
IN	5,161,609	3,362,656	1,798,954	446,374	14-Corn, soybeans, hogs, dairy (74%).
IA	12,633,200	6,560,188	6,073,014	1,050,621	3-Corn, hogs, soybeans, cattle/calves (89%).
KS	9,046,096	2,867,497	6,178,600	807,739	5-Cattle/calves, wheat, corn, soybeans (88%).
KY	3,469,002	1,243,300	2,225,703	146,890	24-Horses/mules, cattle/calves, broilers, tobacco (66%).
LA	1,993,366	1,296,021	697,345	441,947	33-Sugar cane, cotton, cattle/calves, rice (46%).
ME	498,765	226,887	271,878	11,553	42-Potatoes, dairy, chicken eggs, aquaculture (67%).
MD	1,466,500	619,888	846,612	66,667	36-Broilers, greenhouse, dairy, corn (73%).
MA	384,746	297,624	87,122	14,185	47-Greenhouse, cranberries, dairy, sweet corn (65%).
MI	3,820,824	2,421,523	1,399,301	254,973	22-Dairy, greenhouse, corn, soybeans (58%).
MN	8,587,959	4,515,789	4,072,171	787,441	6-Corn, soybeans, hogs, dairy (65%).
MS	3,411,004	1,246,445	2,164,558	475,825	26-Broilers, cotton, soybeans, aquaculture (73%).
MO	4,972,761	2,344,432	2,628,329	512,358	15-Cattle/calves, soybeans, corn, hogs (63%).
MT	1,892,144	786,878	1,105,266	355,806	34-Cattle/calves, wheat, barley, hay (84%).
NE	10,621,275	3,753,907	6,867,368	725,799	4-Cattle/calves, corn, soybeans, hogs (91%).
NV	395,801	141,474	254,327	11,931	45-Cattle/calves, hay, dairy, onions (86%).
NH	149,848	87,642	62,206	5,978	48-Greenhouse, dairy, apples, cattle/calves (74%).
NJ	845,886	658,034	187,852	12,095	39-Greenhouse, horses/mules, blueberries, chicken eggs (66%).
NM	2,139,590	542,790	1,596,800	92,478	32-Dairy, cattle/calves, hay, pecans (82%).
NY	3,139,376	1,224,758	1,914,618	160,965	28-Dairy, greenhouse, hay, cattle/calves (69%).
NC	6,916,349	2,758,504	4,157,845	361,886	8-Hogs, broilers, greenhouse, tobacco (66%).
ND	3,777,519	2,907,322	870,197	651,968	23-Wheat, cattle/calves, soybeans, barley (63%).
OH	4,662,233	2,852,781	1,809,452	398,754	17-Soybeans, corn, dairy, greenhouse (61%).
OK	4,526,113	1,022,107	3,504,006	357,988	18-Cattle/calves, wheat, hogs, broilers (80%).
OR	3,283,732	2,478,876	804,856	111,140	27-Greenhouse, cattle/calves, dairy, hay (56%).
PA	4,266,265	1,407,089	2,859,177	182,865	19-Dairy, cattle/calves, greenhouse, chicken eggs (62%).
RI	57,224	48,555	8,669	1,084	49-Greenhouse, dairy, sweet corn, cattle/calves (78%).
SC	1,644,455	754,455	890,001	129,078	35-Broilers, greenhouse, turkeys, tobacco (60%).
SD	4,017,915	1,898,701	2,119,214	548,510	20-Cattle/calves, soybeans, corn, wheat (79%).
TN	2,338,653	1,267,803	1,070,850	175,661	30-Cattle/calves, broilers, greenhouse, soybeans (56%).
TX	15,341,961	5,030,521	10,311,440	1,666,040	2-Cattle/calves, cotton, greenhouse, broilers (75%).
UT	1,138,154	258,421	879,733	56,400	37-Cattle/calves, dairy, hogs, hay (74%).
VT	481,650	78,928	402,722	28,454	44-Dairy, cattle/calves, greenhouse, hay (88%).
VA	2,227,294	695,132	1,532,161	176,953	31-Broilers, cattle/calves, dairy, greenhouse (53%).
WA	5,345,292	3,818,220	1,527,072	265,089	11-Apples, dairy, cattle/calves, wheat (50%).
WV	389,540	72,550	316,990	13,155	46-Broilers, cattle/calves, chicken eggs, turkeys (71%).
WI	5,876,052	1,782,346	4,093,706	484,302	10-Dairy, cattle/calves, corn, greenhouse (75%).
WY	873,645	149,920	723,726	51,206	38-Cattle/calves, hay, sugar beets, sheep/lambs (85%).
US	211,646,849	106,175,901	105,470,948	15,949,402	Cattle/calves, dairy, corn, soybeans (48%).

ERS, Farm Sector Performance and Well-Being Branch, (202) 694 5592. Information contact: Larry Traub -- E-Mail: ltraub@ers.usda.gov or Roger Strickland -- E-Mail: rogers@ers.usda.gov August 4, 2004.

Table 9-42.—Farm Operator Households: Average Income, United States, 2001–2004^{1 2}

Item	2001 ³	2002	2003	2004
Dollars per farm				
Net cash farm business income ⁴	14,311	11,331	14,569	15,603
Less depreciation ⁵	7,609	8,189	7,346	NA
Less wages paid to operator ⁶	932	758	682	NA
Less farmland rental income ⁷	477	621	592	NA
Less adjusted farm business income due to other household(s) ⁸	1,083	1,248	1,401	NA
Dollars per farm operator household				
Equals adjusted farm business income	4,211	516	4,547	NA
Plus wages paid to operator	932	758	682	NA
Plus net income from farmland rental ⁹	NA	NA	NA	NA
Equals farm self-employment income	5,143	1,273	5,229	NA
Plus other farm-related earnings ¹⁰	396	2,199	2,411	NA
Equals earnings of the operator household from farming activities	5,539	3,473	7,640	8,428
Plus earnings of the operator household from off-farm sources ¹¹	58,578	62,285	60,865	62,247
Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS	64,117	65,257	68,506	70,675
Dollars per U.S. household				
U.S. average household income ¹²	58,208	57,852	59,067	NA
Percent				
Average farm operator household income as percent of U.S. average household income	110.2	113.7	116.0	NA
Average operator household earnings from farming activities as percent of average operator household income	8.6	5.3	11.2	11.9

NA-not available. * The relative standard error exceeds 25 percent, but is no more than 50 percent. ¹ This table derives farm operator household income estimates from the Agricultural Resource Management Study (ARMS) that are consistent with Current Population Survey (CPS) methodology. The CPS, conducted by the Census Bureau, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. The CPS definition departs from a strictly cash concept by including depreciation as an expense that farm operators and other self-employed people subtract from gross receipts when reporting net cash income. ² Preliminary. ³ Prior to 2000, net cash income from operating another farm and net cash income from farm land rental were included in earnings from farming activities. However, because of a change in the ARMS survey design, net cash income from a farm other than the one being surveyed and net income from farm land rentals are not separable from total off-farm income. Although there is no effect upon estimates of farm operator household income in 2000, estimates of farm self-employment, other farm related earnings, earnings of the household from farming activities, and earnings of the farm from off-farm sources are not strictly comparable to those from previous years. ⁴ A component of farm sector income. Excludes income of contractors and landlords as well as the income of farms organized as non-family corporations or cooperatives and farms run by a hired manager. Includes the income of farms organized as proprietorships, partnerships, and family corporations. ⁵ Consistent with the CPS definition of self-employment income, reported depreciation expenses are subtracted from net cash income. The ARMS collects farm business depreciation used for tax purposes. ⁶ Wages paid to the operator are subtracted here because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. ⁷ Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. ⁸ More than one household may have a claim on the income of a farm business. On average, 1.1 households share the income of a farm business. ⁹ Includes net rental income from the business. Also includes net rental income from farmland held by household members that is not part of the farm business. Beginning in 2000, net income from farmland rental is considered as part of off-farm income. (See footnote 2.) ¹⁰ Wages paid to other operator household members by the farm business and net cash income from a farm business other than the one being surveyed. In 2000 and 2001, however, net cash income from farm businesses other than the one being surveyed is included in off-farm earnings. In 2002 and 2003, also includes net cash income from farm land rental. (See footnote 3.) ¹¹ Wages, salaries, net income from nonfarm businesses, interest, dividends, transfer payments, etc. In 2000 and 2001, also includes net cash income from other farm and net cash income from farm rental (See footnote 3.) ¹² From the CPS. Sources: U.S. Dept. of Agriculture, Economic Research Service, 2000, 2001 and 2002 Agricultural Resource Management Study (ARMS) for farm operator household data. U.S. Dept. of Commerce, Bureau of the Census, Current Population Survey (CPS), for U.S. average household income. For information on household income contact: Bob Green (202) 694-5568. Email rgreen@ers.usda.gov or Bob Hoppe (202) 694-5572. Email rhoppe@ers.usda.gov.

ERS, Farm Structure and Performance Branch, (202) 694-5568.

Table 9-43.—Grazing fees: Rates for cattle by selected States and regions, 2003–2004

State	Monthly lease rates for private non-irrigated grazing land ¹					
	Animal unit ²		Cow-calf		Per head	
	2003	2004	2003	2004	2003	2004
	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>	<i>Dollars per month</i>
AZ	7.50	8.00	(7)	(7)	8.50	9.00
CA	13.50	14.50	17.50	19.50	14.30	15.50
CO	13.00	13.50	14.60	15.00	13.50	14.00
ID	12.00	12.20	14.00	14.20	12.60	12.60
KS	13.50	13.00	16.50	16.50	13.50	13.50
MT	15.20	15.90	17.40	17.40	15.90	16.20
NE	21.60	23.00	26.00	27.50	23.40	25.20
NV	10.50	10.60	11.80	12.00	11.80	12.00
NM	8.60	9.70	12.40	11.90	10.00	11.00
ND	13.50	13.00	14.50	14.20	14.00	13.50
OK	7.00	8.00	9.00	10.00	7.50	8.50
OR	12.50	13.00	14.80	15.10	12.20	12.50
SD	17.30	17.60	20.20	21.50	19.20	19.20
TX	8.50	10.00	9.00	10.80	9.00	9.80
UT	11.60	11.80	13.40	13.80	12.50	13.10
WA	11.20	10.80	11.70	12.50	11.20	10.80
WY	13.40	13.90	15.50	16.00	13.90	14.30
17-State ³	12.30	13.10	14.40	15.30	13.10	13.70
16-State ⁴	13.80	14.30	16.40	17.10	14.60	15.20
11-State ⁵	12.80	13.30	15.10	15.50	13.40	13.80
9-State ⁶ ..	12.10	13.00	14.10	15.10	12.90	13.60

¹The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Agricultural Survey. ²Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf *0.833). ³Seventeen Western States: All States listed. ⁴Sixteen Western States: All States, except Texas. ⁵Eleven Western States: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, and WY. ⁶Nine Great Plains States: CO, KS, NE, NM, ND, OK, SD, TX, and WY. ⁷Insufficient data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.